Robert Mancini
Project Manager, Downstream
Chevron Environmental Management Company
1200 State Street
Perth Amboy, NJ 08861
Tel: (732) 738-2023
Fax: (732) 738-2039
RMancini@Chevron.com

February 27, 2019

Mr. Ricky Vargas
United States Environmental Protection Agency Region 2
290 Broadway, 19th Floor
New York, NY 10007

Re: Draft Central Yard Deed Notice
Former Chevron Perth Amboy Facility
Perth Amboy, New Jersey
SRP PI # 003621

Dear Mr. Vargas:

Enclosed please find the Draft Deed Notice for the Central Yard of the former Chevron Perth Amboy, NJ Facility (facility) located at 1200 State Street in Perth Amboy, NJ. This is the first of three deed notices that will be filed for the three geographic areas of the facility, the Central Yard, Main Yard and East Yard. The draft deed notices for the Main and East Yards will be prepared once soil remediation is near completion. This deed notice is proposed for soil impacts in the Central Yard above the applicable New Jersey Department of Environmental Protection Soil Remediation Standards.

Upon review and approval of the draft deed notice, the deed notice will be filed with the County of Middlesex, NJ. Once the deed notices are approved, it is anticipated the United States Environmental Protection Agency will issue a CA 550 determination.

If you require additional information regarding this draft deed notice, please contact me at (732) 738-2023.

Sincerely,

Robert Mancini 2/27/19

Robert Mancini
Project Manager, Downstream

cc:
Lynn E. Vogel – NJDEP, Bureau of Case Management
Brendan Leehan – Buckeye Partners LLC

Enclosures (as described)

Return Address:
Buckeye Perth Amboy Terminal, LLC
Five TEK Park
9999 Hamilton Boulevard
Breinigsville, PA 18031

_____
Instrument Number

DEED NOTICE

IN ACCORDANCE WITH N.J.S.A. 58:10B-13, THIS DOCUMENT IS TO BE RECORDED IN THE SAME MANNER AS ARE DEEDS AND OTHER INTERESTS IN REAL PROPERTY.

Prepared by: _____
[Signature]

_____
[Print name below signature]

Recorded by: _____
[Signature, Officer of County Recording Office]

_____
[Print name below signature]

DEED NOTICE

This Deed Notice is made as of the _____ day of _____, ____, by *Buckeye Perth Amboy Terminal, LLC* (together with their successors and assigns, collectively "Owner").

1. THE PROPERTY. Buckeye Perth Amboy Terminal, LLC is the owner in fee simple of certain real property designated as Block 456 Lot 1, Block 460, Lots 68 through 77, 93 through 102, Block 461 Lot 1, Block 462 Lot 1, and Block 480, Lot 1 on the tax map of the City of Perth Amboy, Middlesex County; the New Jersey Department of Environmental Protection Program Interest Number (Preferred ID) for the contaminated site which includes this property is 003621; and the property is more particularly described in Exhibit A, which is attached hereto and made a part hereof (the "Property").

2. REMEDIATION.

i. The Bureau of Case Management of the New Jersey Department of Environmental Protection program has approved this Deed Notice as an institutional control for the Property, which is part of the remediation of the Property.

ii. N.J.A.C. 7:26C-7 requires the Owner, among other persons, to obtain a soil remedial action permit for the soil remedial action at the Property. That permit will contain the monitoring, maintenance and biennial certification requirements that apply to the Property.

3. SOIL CONTAMINATION. Chevron USA, Inc., the prior owner of the Property, and Buckeye Perth Amboy Terminal LLC have remediated contaminated soil at the Property, such that soil contamination remains at certain areas of the Property that contains contaminants in concentrations that do not allow for the unrestricted use of the Property. Such soil contamination is described, including the type, concentration and specific location of such contamination, and the existing engineering controls on the site are described, in Exhibit B, which is attached hereto and made a part hereof. As a result, there is a statutory requirement for this Deed Notice and engineering controls in accordance with N.J.S.A. 58:10B-13.

4. CONSIDERATION. In accordance with the remedial action for the site which included the Property, and in consideration of the terms and conditions of that remedial action, and other good and valuable consideration, Owner has agreed to subject the Property to certain statutory and regulatory requirements that impose restrictions upon the use of the Property, to restrict certain uses of the Property, and to provide notice to subsequent owners, lessors, lessees and operators of the Property of the restrictions and the monitoring, maintenance, and biennial certification requirements outlined in this Deed Notice and required by law, as set forth herein.

5A. RESTRICTED AREAS. Due to the presence of contamination remaining at concentrations that do not allow for unrestricted use, the Owner has agreed, as part of the remedial action for the Property, to restrict the use of certain parts of the Property (the "Restricted Areas"); a narrative description of these restrictions is provided in Exhibit C, which is attached hereto and made a part hereof. The Owner has also agreed to maintain a list of these restrictions on site for inspection by governmental officials.

5B. RESTRICTED LAND USES. The following statutory land use restrictions apply to the Restricted Areas:

i. The Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-12.g(10), prohibits the conversion of a contaminated site, remediated to non-residential soil remediation standards that require the maintenance of engineering or institutional controls, to a child care facility, or public, private, or charter school without the Department's prior written approval, unless a presumptive remedy is implemented; and

ii. The Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-12.g(12), prohibits the conversion of a landfill, with gas venting systems and or leachate collection systems, to a single family residence or a child care facility.

5C. ENGINEERING CONTROLS. Due to the presence and concentration of these contaminants, the Owner has also agreed, as part of the remedial action for the Property, to the placement of certain engineering controls on the Property; a narrative description of these engineering controls is provided in Exhibit C.

6A. CHANGE IN OWNERSHIP AND REZONING.

i. The Owner and the subsequent owners, lessors, and lessees, shall cause all leases, grants, and other written transfers of an interest in the Restricted Areas to contain a provision expressly requiring all holders thereof to take the Property subject to the restrictions contained herein and to comply with all, and not to violate any of the conditions of this Deed Notice. Nothing contained in this Paragraph shall be construed as limiting any obligation of any person to provide any notice required by any law, regulation, or order of any governmental authority.

ii. The Owner and the subsequent owners shall provide written notice to the Department of Environmental Protection on a form provided by the Department and available at www.nj.gov/srp/forms within 30 calendar days after the effective date of any conveyance, grant, gift, or other transfer, in whole or in part, of the Owner's or subsequent owner's interest in the Restricted Area.

iii. The Owner and the subsequent owners shall provide written notice to the Department, on a form available from the Department at www.nj.gov/srp/forms, within thirty (30) calendar days after the owner's petition for or filing of any document initiating a rezoning of the Property to residential.

6B. SUCCESSORS AND ASSIGNS. This Deed Notice shall be binding upon Owner and upon Owner's successors and assigns, and subsequent owners, lessors, lessees and operators while each is an owner, lessor, lessee, or operator of the Property.

7A. ALTERATIONS, IMPROVEMENTS, AND DISTURBANCES.

i. The Owner and all subsequent owners, lessors, and lessees shall notify any person, including, without limitation, tenants, employees of tenants, and contractors, intending to conduct invasive work or excavate within the Restricted Areas, of the nature and location of contamination in the Restricted Areas, and, of the precautions necessary to minimize potential human exposure to contaminants.

ii. Except as provided in Paragraph 7B, below, no person shall make, or allow to be made, any alteration, improvement, or disturbance in, to, or about the Property which disturbs any engineering control at the Property without first retaining a licensed site remediation professional. Nothing herein shall constitute a waiver of the obligation of any person to comply with all applicable laws and regulations including, without limitation, the applicable rules of the Occupational Safety and Health Administration.

iii. A soil remedial action permit modification is required for any permanent alteration, improvement, or disturbance and the owner, lessor, lessee or operator shall submit the following within 30 days after the occurrence of the permanent alteration, improvement, or disturbance:

(A) A Remedial Action Workplan or Linear Construction Project notification and Final Report Form, whichever is applicable;

(B) A Remedial Action Report and Termination of Deed Notice Form; and

(C) A revised recorded Deed Notice with revised Exhibits, and Remedial Action Permit Modification or Remedial Action Permit Termination form and Remedial Action Report.

iv. No owner, lessor, lessee or operator shall be required to obtain a Remedial Action Permit Modification for any temporary alteration, improvement, or disturbance, provided that the site is restored to the condition described in the Exhibits to this Deed Notice, and the owner, lessee, or operator complies with the following:

(A) Restores any disturbance of an engineering control to pre-disturbance conditions within 60 calendar days after the initiation of the alteration, improvement or disturbance;

(B) Ensures that all applicable worker health and safety laws and regulations are followed during the alteration, improvement, or disturbance, and during the restoration;

(C) Ensures that human exposure to contamination in excess of the remediation standards does not occur; and

(D) Describes, in the next biennial certification the nature of the temporary alteration, improvement, or disturbance, the dates and duration of the temporary alteration, improvement, or disturbance, the name of key individuals and their affiliations conducting the temporary alteration, improvement, or disturbance, the notice the Owner gave to those persons prior to the disturbance.

7B. EMERGENCIES. In the event of an emergency which presents, or may present, an unacceptable risk to the public health and safety, or to the environment, or an immediate environmental concern, see N.J.S.A. 58:10C-2, any person may temporarily breach an engineering control provided that that person complies with each of the following:

i. Immediately notifies the Department of Environmental Protection of the emergency, by calling the DEP Hotline at 1-877-WARNDEP or 1-877-927-6337;

ii. Hires a Licensed Site Remediation Professional (unless the Restricted Areas includes an unregulated heating oil tank) to respond to the emergency;

iii. Limits both the actual disturbance and the time needed for the disturbance to the minimum reasonably necessary to adequately respond to the emergency;

iv. Implements all measures necessary to limit actual or potential, present or future risk of exposure to humans or the environment to the contamination;

v. Notifies the Department of Environmental Protection when the emergency or immediate environmental concern has ended by calling the DEP Hotline at 1-877-WARNDEP or 1-877-927-6337; and

vi. Restores the engineering control to the pre-emergency conditions as soon as possible; and

vii. Submits to the Department of Environmental Protection within 60 calendar days after completion of the restoration of the engineering control, a report including: (a) the nature and likely cause of the emergency; (b) the measures that have been taken to mitigate the effects of the emergency on human health and the environment; (c) the measures completed or implemented to restore the engineering control; and (d) any changes to the engineering control or site operation and maintenance plan to prevent reoccurrence of such conditions in the future.

8. TERMINATION OF DEED NOTICE.

i. This Deed Notice may be terminated only upon recording a Department-approved Termination of Deed Notice, available at N.J.A.C. 7:26C Appendix C, with the office of the County Clerk of Middlesex County, New Jersey, expressly terminating this Deed Notice.

ii. Within 30 calendar days after recording a Department-approved Termination of Deed Notice, the owner of the property should apply to the Department for termination of the soil remedial action permit pursuant to N.J.A.C. 7:26C-7.

9. ACCESS. The Owner, and the subsequent owners, lessors, lessees, and operators agree to allow the Department, its agents and representatives access to the Property to inspect and evaluate the continued protectiveness of the remedial action that includes this Deed Notice and to conduct additional remediation to ensure the protection of the public health and safety and of the environment if the subsequent owners, lessors, lessees, and operators, during their ownership, tenancy, or operation, and the Owner fail to conduct such remediation pursuant to this Deed Notice as required by law. The Owner, and the subsequent owners, lessors, and lessees, shall also cause all leases, subleases, grants, and other written transfers of an interest in the Restricted Areas to contain a provision expressly requiring that all holders thereof provide such access to the Department.

10. ENFORCEMENT OF VIOLATIONS.

i. This Deed Notice itself is not intended to create any interest in real estate in favor of the Department of Environmental Protection, nor to create a lien against the Property, but merely is intended to provide notice of certain conditions and restrictions on the Property and to reflect the regulatory and statutory obligations imposed as a conditional remedial action for this site.

ii. The restrictions provided herein may be enforceable solely by the Department against any person who violates this Deed Notice. To enforce violations of this Deed Notice, the

Department may initiate one or more enforcement actions pursuant to N.J.S.A. 58:10-23.11, and N.J.S.A. 58:10C, and require additional remediation and assess damages pursuant to N.J.S.A. 58:10-23.11, and N.J.S.A. 58:10C.

11. SEVERABILITY. If any court of competent jurisdiction determines that any provision of this Deed Notice requires modification, such provision shall be deemed to have been modified automatically to conform to such requirements. If a court of competent jurisdiction determines that any provision of this Deed Notice is invalid or unenforceable and the provision is of such a nature that it cannot be modified, the provision shall be deemed deleted from this instrument as though the provision had never been included herein. In either case, the remaining provisions of this Deed Notice shall remain in full force and effect.

12A. EXHIBIT A. Exhibit A includes the following maps of the Property and the vicinity:

i. Exhibit A-1: Vicinity Map - A map that identifies by name the roads, and other important geographical features in the vicinity of the Property (for example, USGS Quad map, Hagstrom County Maps);

ii. Exhibit A-2: Metes and Bounds Description - A tax map of lots and blocks as wells as metes and bounds description of the Property, including reference to tax lot and block numbers for the Property;

iii. Exhibit A-3: Property Map - A scaled map of the Property, scaled at one inch to 200 feet or less, and if more than one map is submitted, the maps shall be presented as overlays, keyed to a base map; and the Property Map shall include diagrams of major surface topographical features such as buildings, roads, and parking lots.

12B. EXHIBIT B. Exhibit B includes the following descriptions of the Restricted Areas:

i. Exhibit B-1: Restricted Area Map -- A separate map for each restricted area that includes:

(A) As-built diagrams of each engineering control, including caps, fences, slurry walls, (and, if any) ground water monitoring wells, extent of the ground water classification exception area, pumping and treatment systems that may be required as part of a ground water engineering control in addition to the deed notice;

(B) As-built diagrams of any buildings, roads, parking lots and other structures that function as engineering controls; and

(C) Designation of all soil and all upland sediment sample locations within the restricted areas that exceed any soil standard that are keyed into one of the tables described in the following paragraph.

ii. Exhibit B-2: Restricted Area Data Table - A separate table for each restricted area that includes either (A) or (B) through (F):

(A) Only for historic fill extending over the entire site or a portion of the site and for which analytical data are limited or do not exist, a narrative that states that historic fill is present at the site, a description of the fill material (e.g., ash, cinders, brick, dredge material), and a statement that such material may include, but is not limited to, contaminants such as PAHs and metals;

(B) Sample location designation from Restricted Area map (Exhibit B-1);

(C) Sample elevation based upon mean sea level;

(D) Name and chemical abstract service registry number of each contaminant with a concentration that exceeds the unrestricted use standard;

(E) The restricted and unrestricted use standards for each contaminant in the table; and

(F) The remaining concentration of each contaminant at each sample location at each elevation.

12C. EXHIBIT C. Exhibit C includes narrative descriptions of the institutional controls and engineering controls as follows:

i. Exhibit C-1: Deed Notice as Institutional Control: Exhibit C-1 includes a narrative description of the restriction and obligations of this Deed Notice that are in addition to those described above, as follows:

(A) Description and estimated size in acres of the Restricted Areas as described above;

(B) Description of the restrictions on the Property by operation of this Deed Notice; and

(C) The objective of the restrictions.

ii. Exhibit C-2: Fencing: Exhibit C-2 includes a narrative description of fencing as follows:

(A) Description of the engineering control;

(B) The objective of the engineering control; and

(C) How the engineering control is intended to function.

iii. Exhibit C-3: Physical Barriers: Exhibit C-3 includes a narrative description of Physical Barriers as follows:

(A) Description of the engineering control;

(B) The objective of the engineering control; and

(C) How the engineering control is intended to function.

iv. Exhibit C-4: Signage: Exhibit C-4 includes a narrative description of signage as follows:

(A) Description of the engineering/institutional control;

(B) The objective of the engineering/institutional control; and

(C) How the engineering/institutional control is intended to function.

13. SIGNATURES. IN WITNESS WHEREOF, Owner has executed this Deed Notice as of the date first written above.

ATTEST: Buckeye Perth Amboy Terminal, LLC

_____ By_____

_____ _____
[Print name and title] [Signature]

STATE OF [State where document is executed] SS.:
COUNTY OF [County where document is executed]

I certify that on _____, 20__, [Name of person executing document on behalf of Owner] personally came before me, and this person acknowledged under oath, to my satisfaction, that:

(a) this person is the [secretary/assistant secretary] of [Owner], the corporation named in this document;

(b) this person is the attesting witness to the signing of this document by the proper corporate officer who is the [president/vice president] of the corporation;

(c) this document was signed and delivered by the corporation as its voluntary act and was duly authorized;

(d) this person knows the proper seal of the corporation which was affixed to this document; and

(e) this person signed this proof to attest to the truth of these facts.

_____
[Signature]

_____
[Print name and title of attesting witness]

Signed and sworn before me on _____, 20__

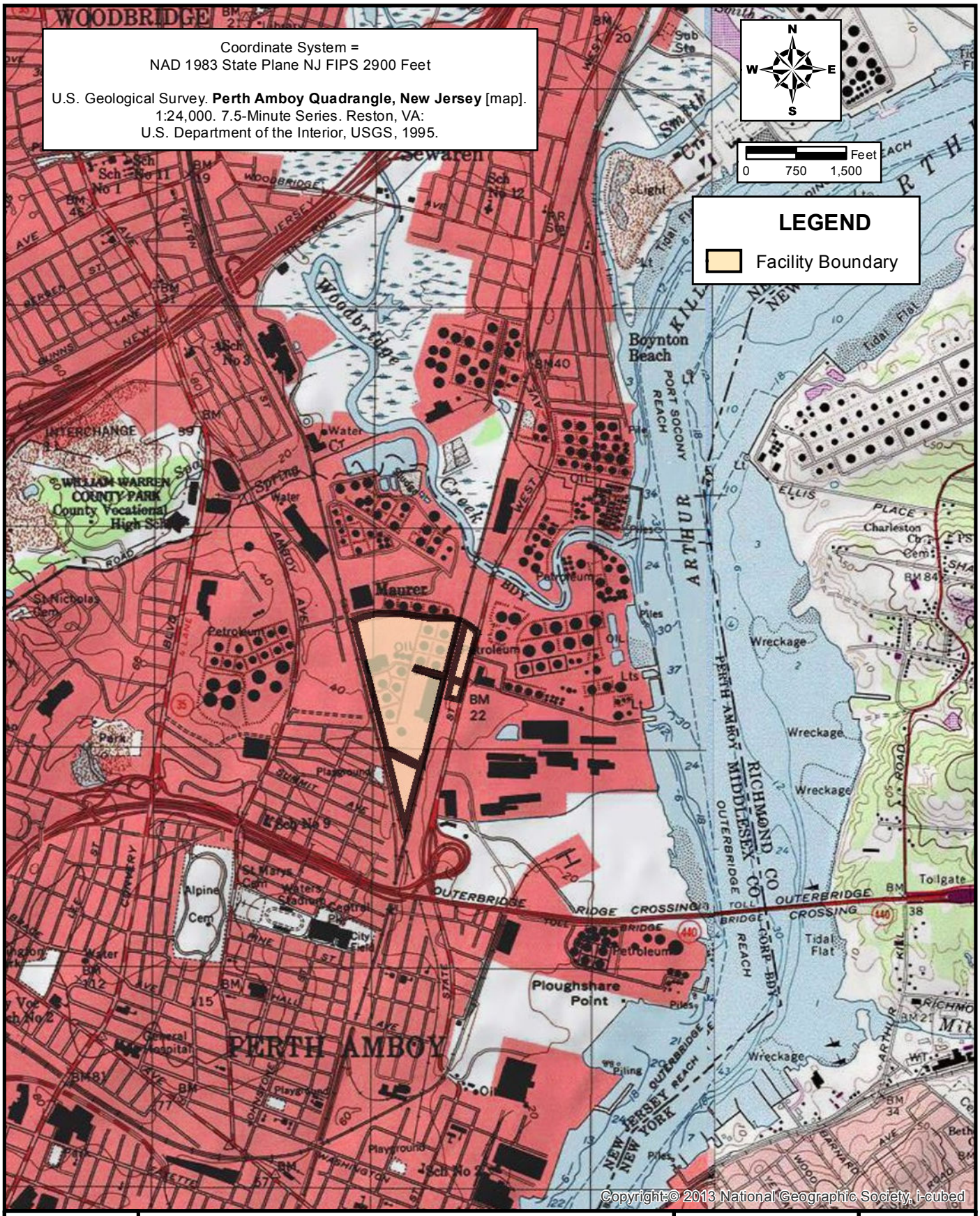
_____, Notary Public

_____
COUNTY OF [County where document is executed]

:

(a)
(c)[Signature]

_____, Notary Public
[Print name and title]



\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Sitewide MNA\Sitewide\Figures\Sitewide MNA - Groundwater Benzene - Figure 1 - USGS Map.mxd

Chevron

SITE LOCATION ON A USGS MAP

CENTRAL YARD DEED NOTICE

PERTH AMBOY FACILITY

1200 STATE STREET, PERTH AMBOY, NJ 08861

PI NO. 003621

DATE: 2/21/2019	DWN: CO
	CHKD: CC
PROJECT #: 450915-02000	FIG #: A-1

Exhibit A-2

Metes and Bounds Description

Tax Lot 1 Block 456

City of Perth Amboy, Middlesex County, New Jersey

BEGINNING at a point in the southerly line of Garretson Avenue, a 50 foot wide right of way, where it is intersected by the westerly line of lands of the Central Railroad of New Jersey; and runs thence

1. Along the westerly line of the Central Railroad of New Jersey South 14 degrees 41 minutes 30 seconds West 880.47 feet to a point where the westerly line of the Central Railroad of New Jersey intersects the easterly line of lands of Conrail, formerly the Perth Amboy & Woodbridge Railroad; thence
2. Along the easterly line of Conrail North 14 degrees 18 minutes 30 seconds West 1116.78 feet to a point in the southerly line of Garretson Avenue; thence
3. Along the southerly line of Garretson Avenue South 65 degrees 13 minutes 30 seconds East 549.92 feet to the point and place of BEGINNING.

Containing 238,355 square feet or 5.4719 Acres more or less.

Being the Third Tract of lands in a deed from NOMA Electric Corporation to California Refining Company, a Delaware Corporation, recorded in Deed Book 1468 at page 481 on November 16, 1949.

This description prepared in accordance with a survey prepared by Borbas Surveying and Mapping, LLC dated July 10, 2012 (Revised from November 7, 2011).

Tax Lots 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 93, 94, 95, 96, 97, 98, 99, 100, 101 and 102

Block 460

City of Perth Amboy, Middlesex County, New Jersey

BEGINNING at a point in the westerly right of way line of State Street, a 66 foot wide right of way, where it is intersected by the southerly line of Tyrells Lane, a 33 foot wide right of way; and runs thence

1. Along the westerly side of State Street South 14 degrees 41 minutes 32 seconds West 250.00 feet to a point; thence
2. Along the dividing line between Tax Lots 68 and 67 and between Tax Lots 93 and 92 North 75 degrees 18 minutes 30 seconds West 180.00 feet to a point in the easterly line of lands known as Tile Place, a 20 foot wide alley; thence
3. Along the easterly line of Tile Place North 14 degrees 41 minutes 30 seconds East 256.75 feet to a point in the southerly line of Tyrells Lane; thence
4. Along the southerly line of Tyrells Lane South 73 degrees 09 minutes 30 seconds East 180.13 feet to the point and place of BEGINNING.

Containing 45,607 square feet or 1.0470 Acres more or less.

Said described lands being comprised of Lots 68 through 77 and Lots 93 through 102 as shown and delineated on a certain map entitled, "Map of Valentine Heights Showing 201 Building Lots," which map was filed at the Middlesex County Clerk's Office on October 27, 1914 as Map # 764 in File 545.

Being the same lands described in a deed from ASARCO Incorporated to Chevron USA Inc., a California Corporation, recorded in Deed Book 3158 at page 220 on September 15, 1980.

This description prepared in accordance with a survey prepared by Borbas Surveying and Mapping, LLC dated July 10, 2012 (Revised from December 6, 2011).

Tax Lot 1 Block 461 and Tax Lot 1 Block 462

City of Perth Amboy, Middlesex County, New Jersey

BEGINNING at a point in the southerly sideline of Maurer Road, a 40 foot wide public right of way, where it is intersected by the westerly line of lands of the Central Railroad of New Jersey; and runs thence

1. Along the westerly line of the Central Railroad of New Jersey South 14 degrees 41 minutes 30 seconds West 866.51 feet to a point in the northerly line of Tyrells Lane, a 33 foot wide right of way; thence
2. Along the northerly side of Tyrells Lane North 73 degrees 09 minutes 30 seconds West 450.32 feet to the northwesterly terminus of Tyrells Lane; thence
3. Along the westerly line of Tyrells Lane South 14 degrees 41 minutes 30 seconds West 33.02 feet to a point, thence
4. Along the southerly line of Tyrells Lane South 73 degrees 09 minutes 30 seconds East 450.32 feet to a point in the westerly side of lands of the Central Railroad of New Jersey; thence
5. Along the westerly line of lands of the Central Railroad of New Jersey, South 14 degrees 41 minutes 30 seconds West 1291.88 feet to an angle point in same; thence
6. Along the westerly line of the Central Railroad of New Jersey North 58 degrees 58 minutes 00 seconds West 10.42 feet to an angle point in same; thence
7. Along the westerly line of lands of the Central Railroad of New Jersey South 14 degrees 41 minutes 30 seconds West 46.21 feet to a point in the northerly line of Garretson Avenue, a 50 foot wide right of way; thence
8. Along the northerly line of Garretson Avenue, North 65 degrees 13 minutes 30 seconds West 581.64 feet to a point in the easterly line of Conrail, formerly the Pennsylvania Railroad Company, being Tax Lot 3 Block 228; thence
9. Along the easterly line of Conrail North 14 degrees 18 minutes 30 seconds West 6.63 feet to an angle point in the same; thence
10. Still along the easterly line of Conrail South 71 degrees 05 minutes 30 second East 20.32 feet to an angle point in the same; thence
11. Still along the easterly line of Conrail North 14 degrees 18 minutes 30 seconds West 1976.75 feet to a point in the southerly line of said Maurer Road; thence the following seven courses along the southerly line of Maurer Road
12. North 73 degrees 51 minutes 00 seconds East 326.11 feet to an angle point; thence
13. North 87 degrees 45 minutes 00 seconds East 214.04 feet to an angle point; thence
14. South 86 degrees 12 minutes 00 seconds East 222.73 feet to an angle point; thence
15. South 80 degrees 53 minutes 00 seconds East 266.42 feet to an angle point; thence
16. South 83 degrees 42 minutes 00 seconds East 160.34 feet to an angle point; thence
17. South 88 degrees 32 minutes 00 seconds East 317.32 feet to an angle point; thence
18. South 79 degrees 18 minutes 00 seconds East 88.01 feet to the point and place of BEGINNING.

Containing 2,212,230 square feet or 50.7858 Acres more or less.

Being Tracts 24, 25 and 26 of lands described in a deed from Barber Asphalt Corporation to California Refining Company, recorded in Deed Book 1326 at page 1 on October 7, 1946 and Tract 1 of lands in a deed from NOMA Electric Corporation to California Refining Company, a Delaware

Corporation, recorded in Deed Book 1468 at Page 481 on November 16, 1949 and that much of Tyrells Lane which was vacated by an ordinance of the City of Perth Amboy adopted by its board of commissioners on July 12, 1946 and recorded on July 16, 1946 in Book of Vacations 1 at page 267.

This description prepared in accordance with a survey by Borbas Surveying and Mapping, LLC dated July 10, 2012 (Revised from November 7, 2011).

Tax Lot 1 Block 480

City of Perth Amboy, Middlesex County, New Jersey

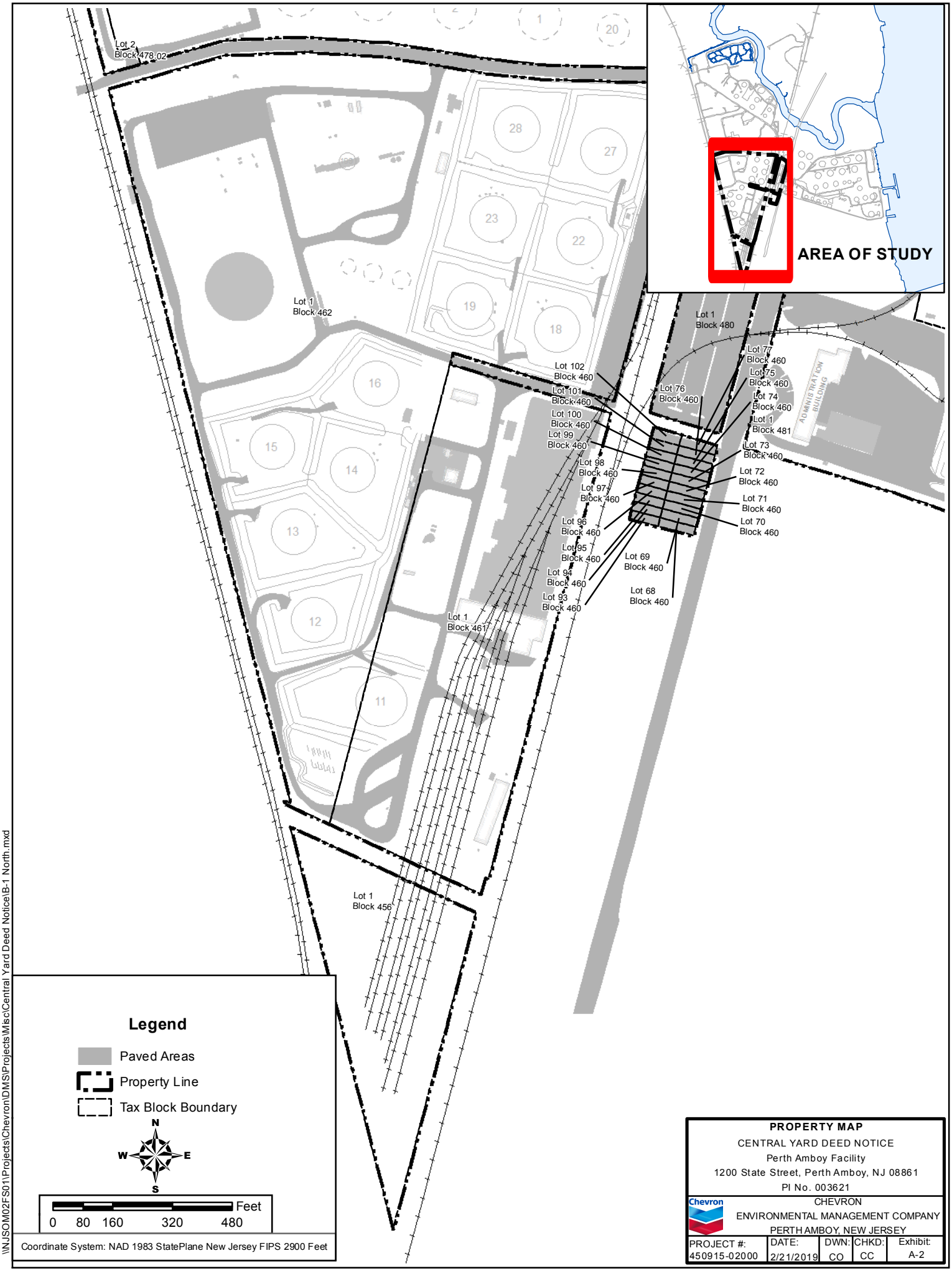
BEGINNING at a point in the westerly right of way line of State Street, 72 foot wide right of way (36 feet westerly of the centerline, being the westerly line of Parcel S-2 as conveyed by Chevron Oil Company to the County of Middlesex by deed recorded in Deed Book 2916 at page 419 on December 19, 1975) where it is intersected by the northerly line of Tyrells Lane, a 33 foot wide right of way, and runs thence

1. Along the northerly side of Tyrells Lane North 73 degrees 09 minutes 30 seconds West 197.14 feet to a point in the easterly line of lands of the Central Railroad of New Jersey; thence
2. Along the easterly line of the Central Railroad of New Jersey North 14 degrees 41 minutes 30 seconds East 840.67 feet to a point in the southerly line of Maurer Road; thence
3. Along the southerly line of Maurer Road as shown on a certain map entitled "Proposed Revision of Right of Way, Maurer Rd. & State St., Perth Amboy, N.J., Co of Middlesex, scale 1"=50', dated May 1974," prepared by S. Philip Filippone, Land Surveyor, 644 Ramapo Valley Road, Oakland, New Jersey, South 57 degrees 54 minutes 54 seconds East 173.80 feet to a point in the former northerly line of Maurer Road; thence
4. Along the former northerly line of Maurer Road, now being the southerly line of Maurer Road South 40 degrees 51 minutes 30 seconds East 16.70 feet to a point; thence
5. Along the southerly side line of Maurer Road as relocated, southeasterly along a curve to the right having a radius of 40.00 feet, a central angle of 55 degrees 33 minutes 00 seconds, a chord of South 13 degrees 05 minutes 00 seconds East 37.28 feet, for an arc length of 38.78 feet; thence
6. Along the westerly side of State Street as widened and being 36 feet westerly of the centerline South 14 degrees 41 minutes 30 seconds West 753.68 feet to the point and place of BEGINNING.

Containing 160,015 square feet or 3.6734 Acres more or less.

Being a portion of Tract 19 of lands described in a deed from Barber Asphalt Corporation to California Refining Company, recorded in Deed Book 1326 at page 1 on October 7, 1946 and all of Tract 1 in a deed from the County of Middlesex to Chevron Oil Company recorded in Deed Book 2916 at page 430 on December 19, 1975.

This description prepared in accordance with a survey prepared by Borbas Surveying and Mapping, LLC dated July 10, 2012 (Revised from November 7, 2011).

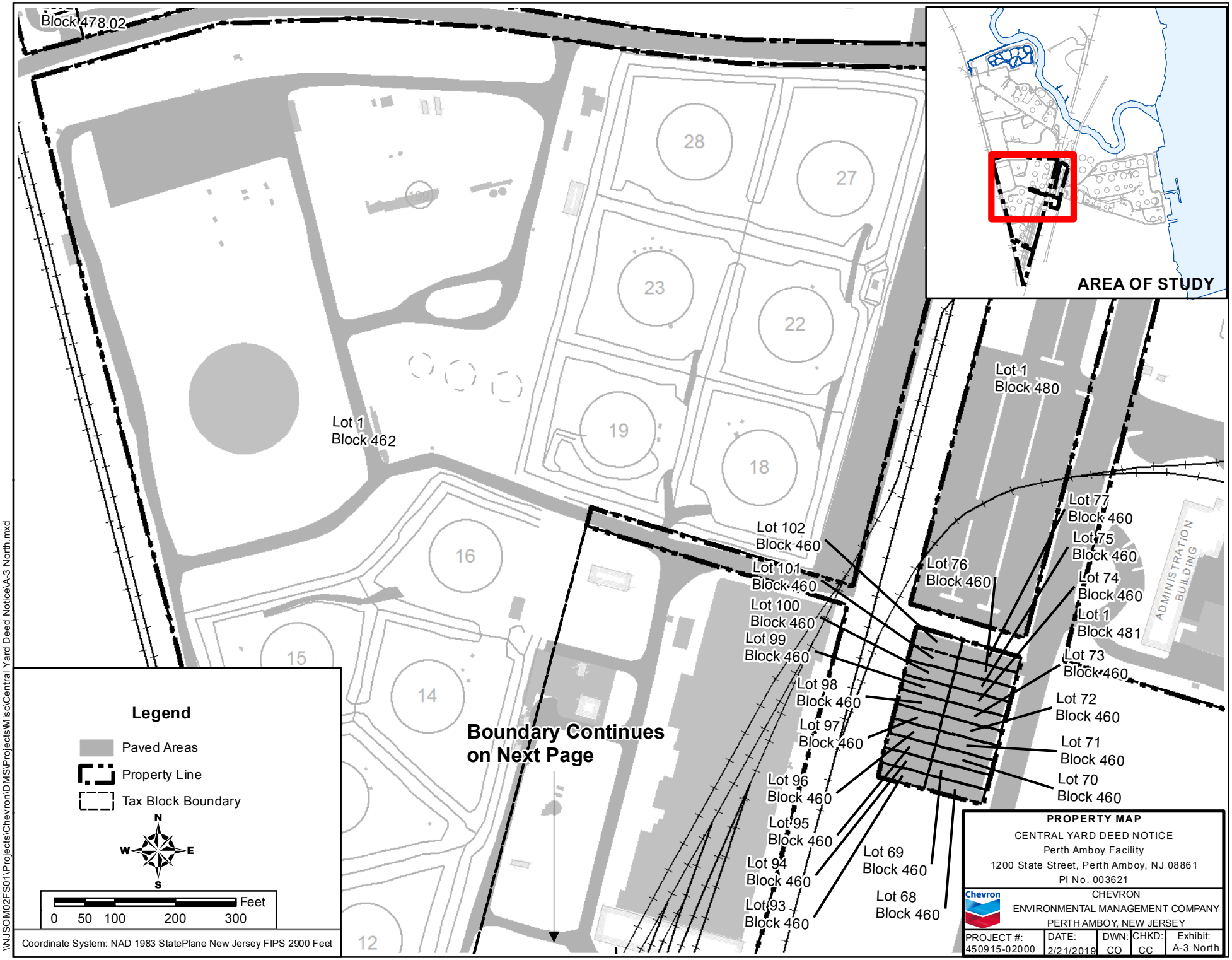


PROPERTY MAP

CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit:
450915-02000	2/21/2019	CO	CC	A-2


Block 478.02
28
27
23
22
19
18
16
15
14
12
Lot 1
Block 462
Lot 1
Block 480
Lot 102
Block 460
Lot 101
Block 460
Lot 100
Block 460
Lot 99
Block 460
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Block 460
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Block 460
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Block 460
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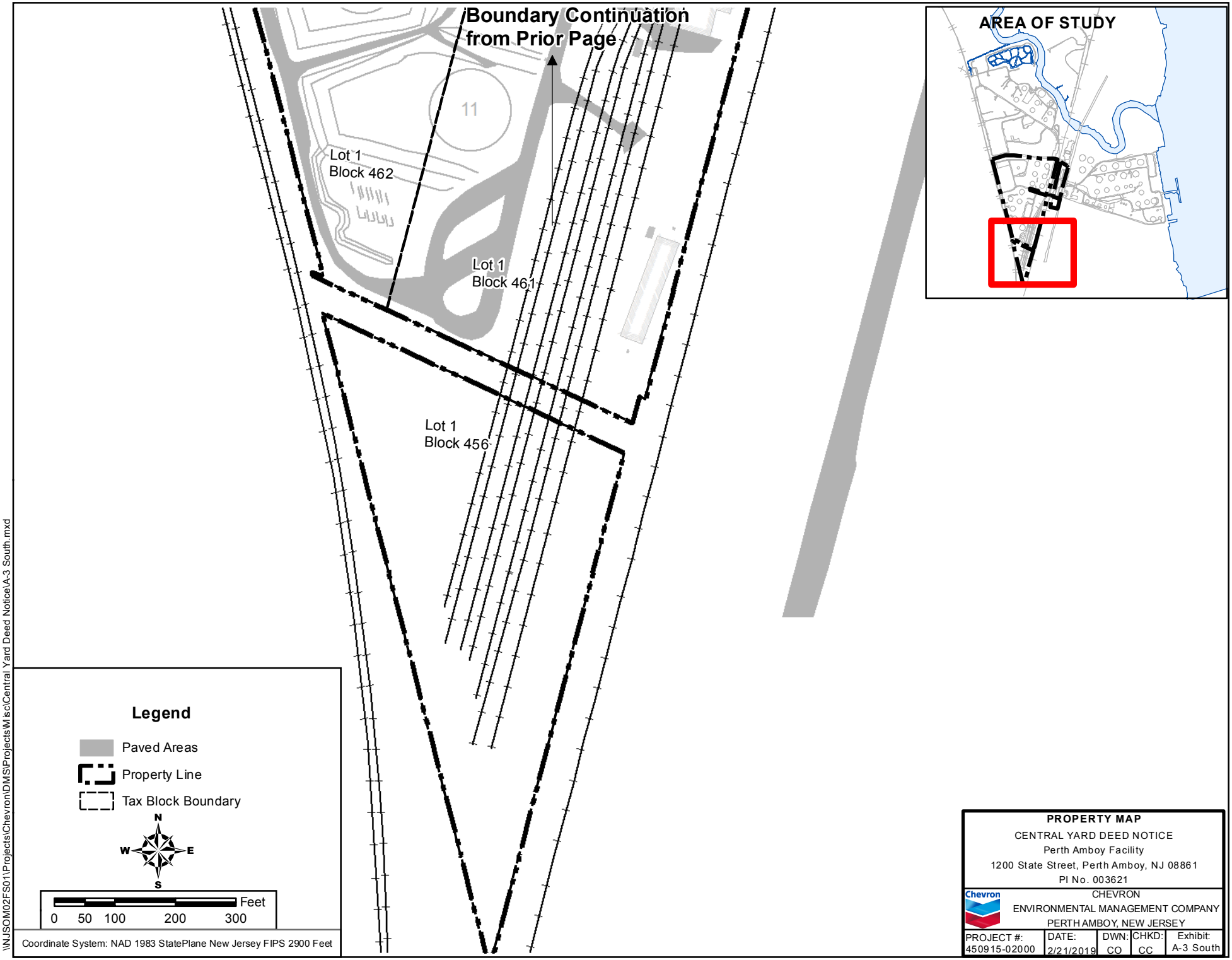
Block 460
Lot 93
Block 460
Lot 76
Block 460
Lot 77
Block 460
Lot 75
Block 460
Lot 74
Block 460
Lot 1
Block 481
Lot 73
Block 460
Lot 72
Block 460
Lot 71
Block 460
Lot 70
Block 460
Lot 69
Block 460
Lot 68
Block 460
ADMINISTRATION BUILDING
Boundary Continues
on Next Page
AREA OF STUDY
Legend
Paved Areas
Property Line
Tax Block Boundary
N
W
E
S
Feet
0 50 100 200 300
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
PROPERTY MAP
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
Chevron
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: A-3 North
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\A-3 North.mxd

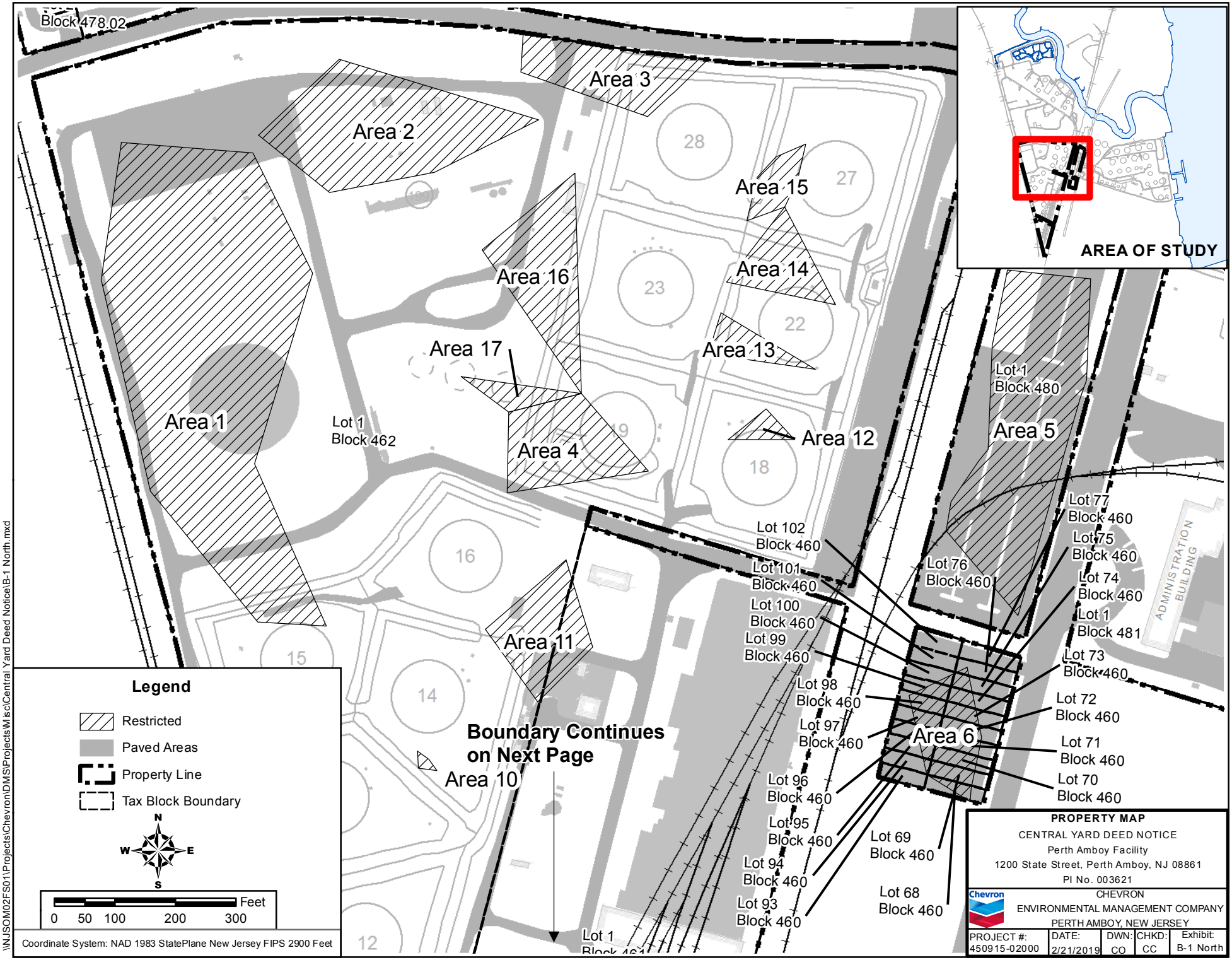


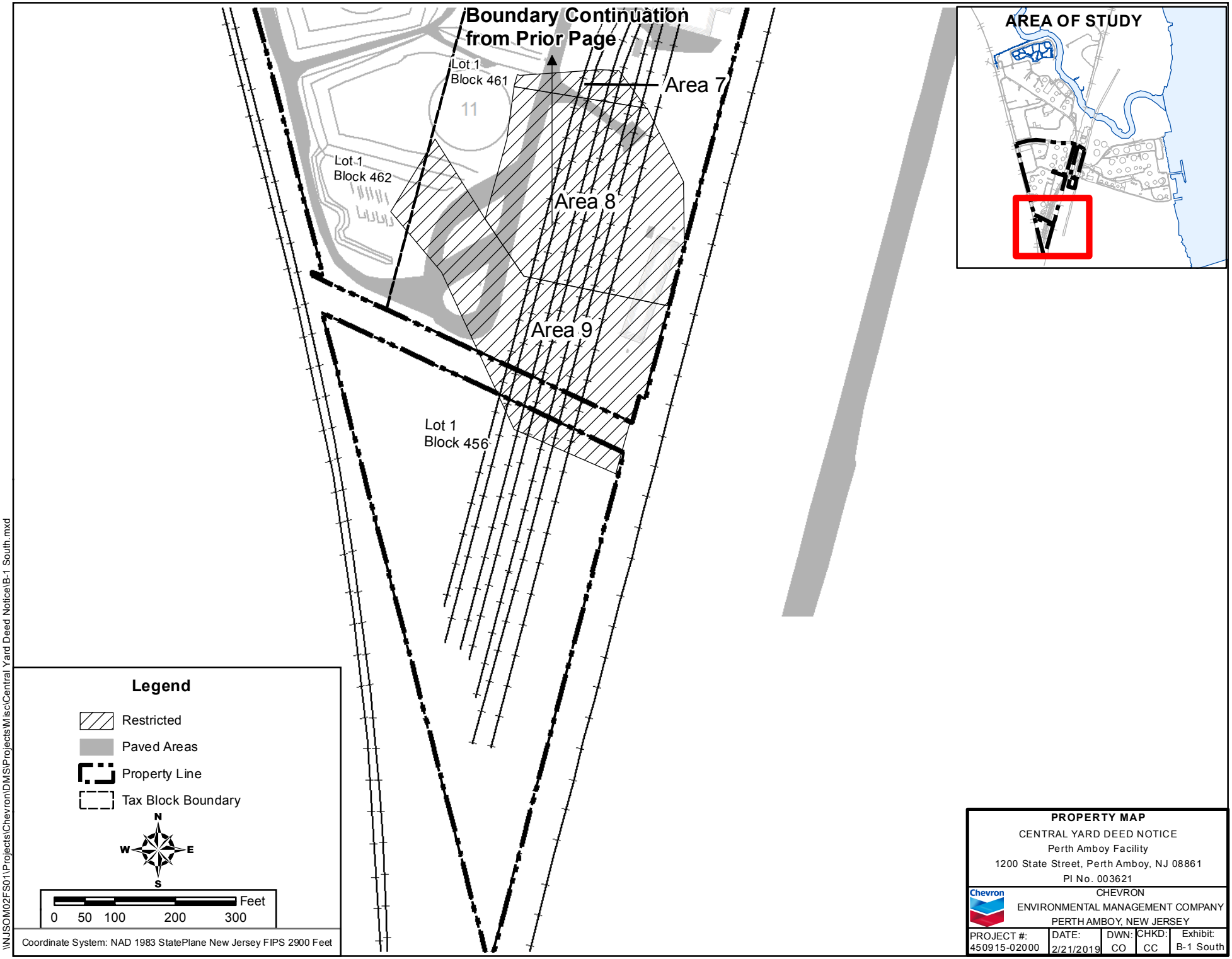
PROPERTY MAP

CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit:
450915-02000	2/21/2019	CO	CC	A-3 South


Block 478.02
Area 3
Area 2
Area 15
Area 16
Area 14
Area 17
Area 13
Area 1
Lot 1
Block 462
Area 4
Area 12
Lot 1
Block 480
Area 5
Lot 77
Block 460
Lot 75
Block 460
Lot 74
Block 460
Lot 1
Block 481
Lot 73
Block 460
Lot 72
Block 460
Lot 71
Block 460
Lot 70
Block 460
Lot 102
Block 460
Lot 101
Block 460
Lot 100
Block 460
Lot 99
Block 460
Lot 98
Block 460
Lot 97
Block 460
Lot 96
Block 460
Lot 95
Block 460
Lot 94
Block 460
Lot 93
Block 460
Lot 76
Block 460
Area 6
Lot 69
Block 460
Lot 68
Block 460
Area 11
Area 10
Boundary Continues
on Next Page
Lot 1
Block 461
ADMINISTRATION BUILDING
AREA OF STUDY
Legend
Restricted
Paved Areas
Property Line
Tax Block Boundary
N
W
E
S
Feet
0 50 100 200 300
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\B-1 North.mxd
PROPERTY MAP
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B-1 North



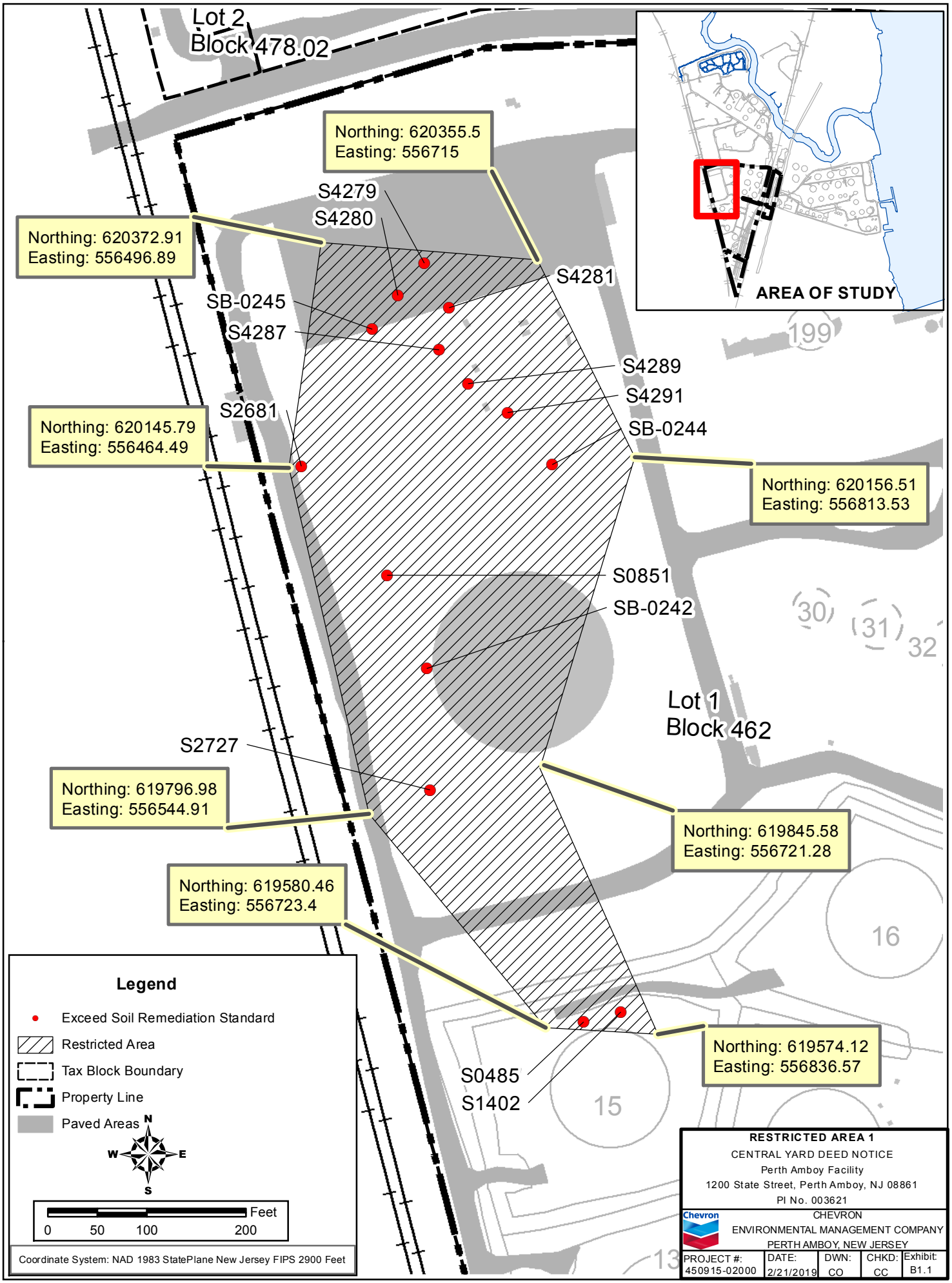
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\B-1 South.mxd

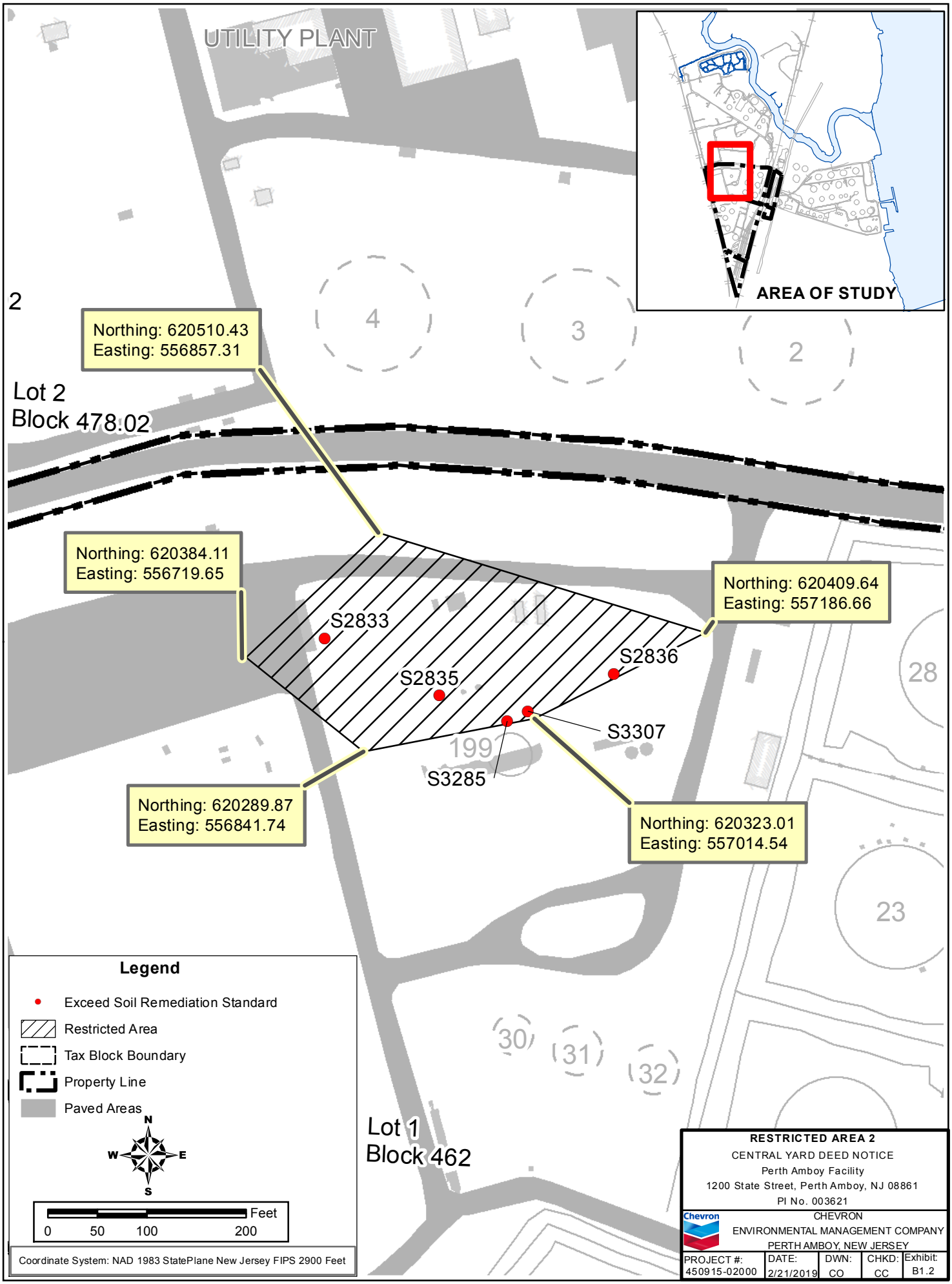
PROPERTY MAP

CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit:
450915-02000	2/21/2019	CO	CC	B-1 South


Lot 2
Block 478.02
Northing: 620355.5
Easting: 556715
S4279
S4280
Northing: 620372.91
Easting: 556496.89
S4281
SB-0245
S4287
S4289
S4291
S2681
SB-0244
Northing: 620145.79
Easting: 556464.49
Northing: 620156.51
Easting: 556813.53
S0851
SB-0242
Lot 1
Block 462
S2727
Northing: 619796.98
Easting: 556544.91
Northing: 619845.58
Easting: 556721.28
Northing: 619580.46
Easting: 556723.4
S0485
S1402
Northing: 619574.12
Easting: 556836.57
AREA OF STUDY
199
30
31
32
16
15
13
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0
50
100
200
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 1
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.1
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID1.mxd

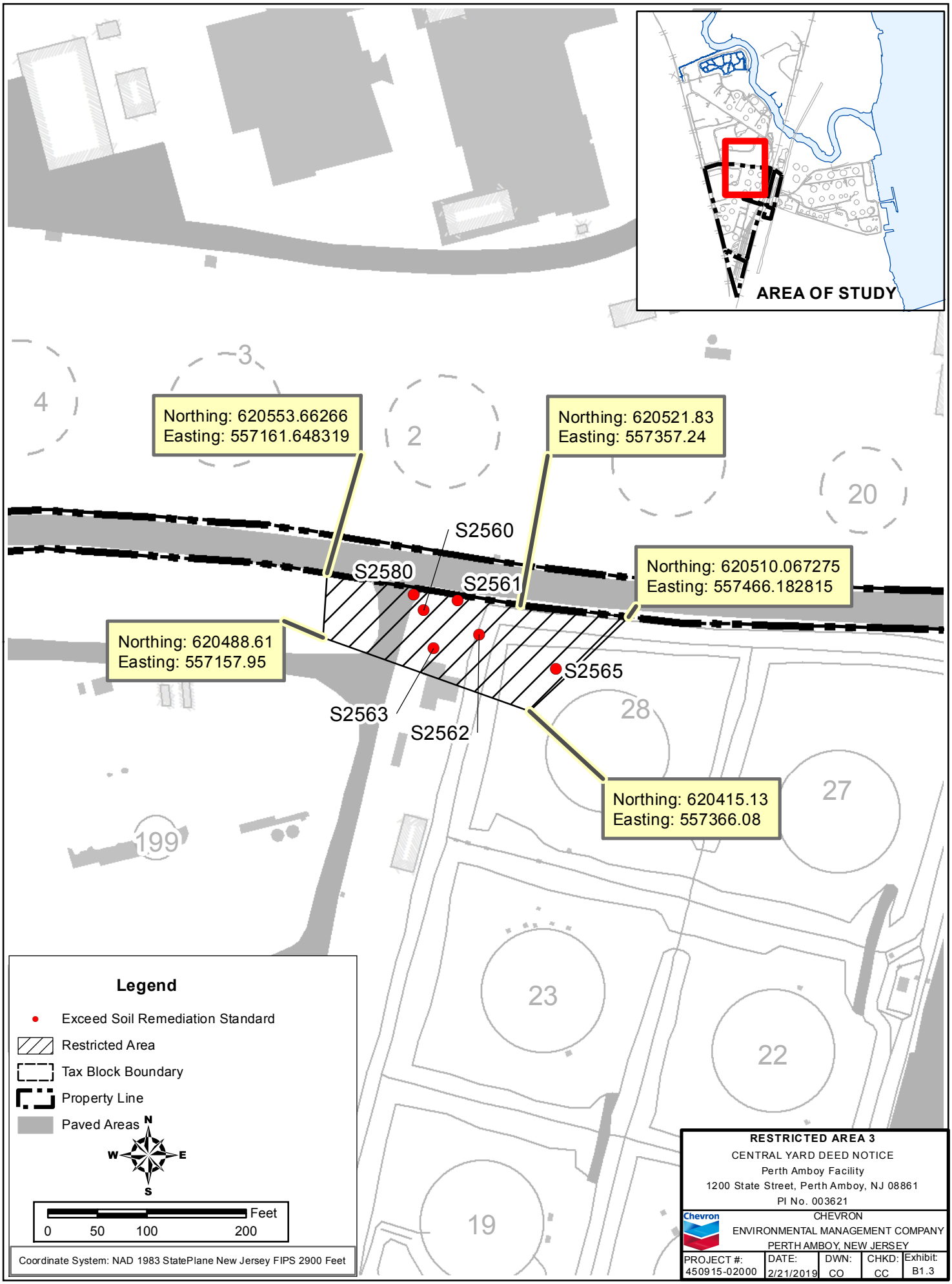


RESTRICTED AREA 2
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621

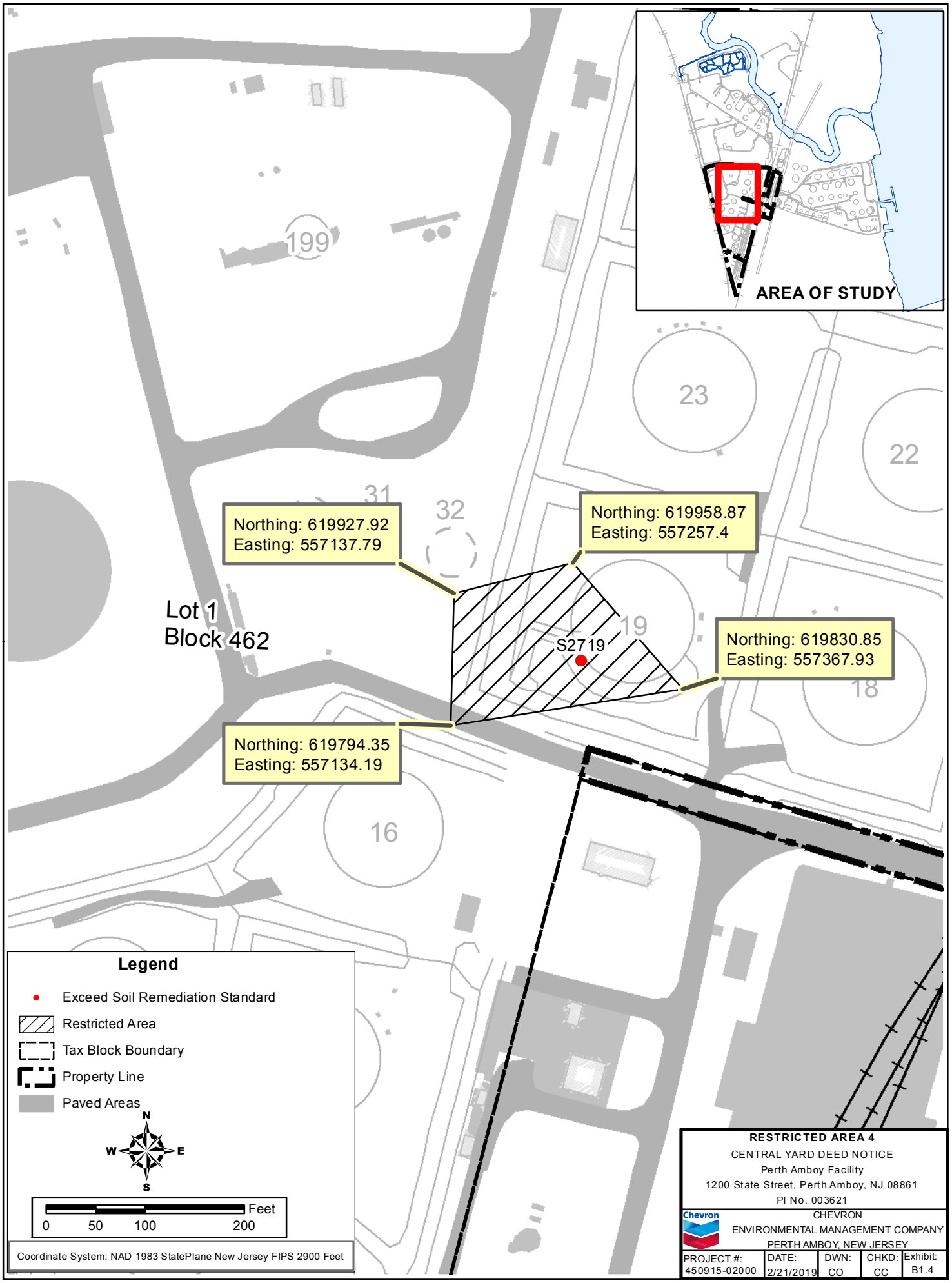
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

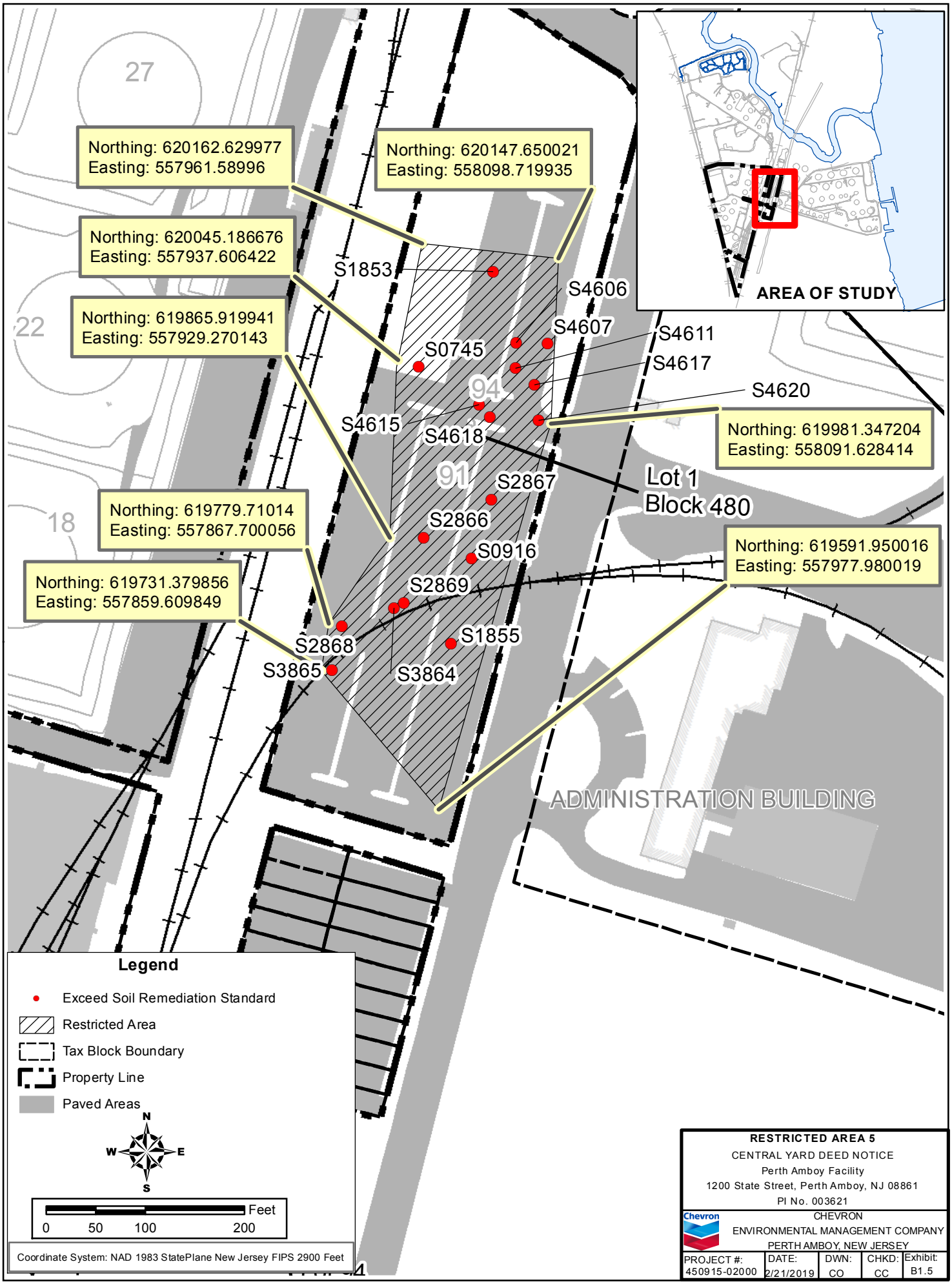
PROJECT #:	DATE:	DWN:	CHKD:	Exhibit:
450915-02000	2/21/2019	CO	CC	B1.2

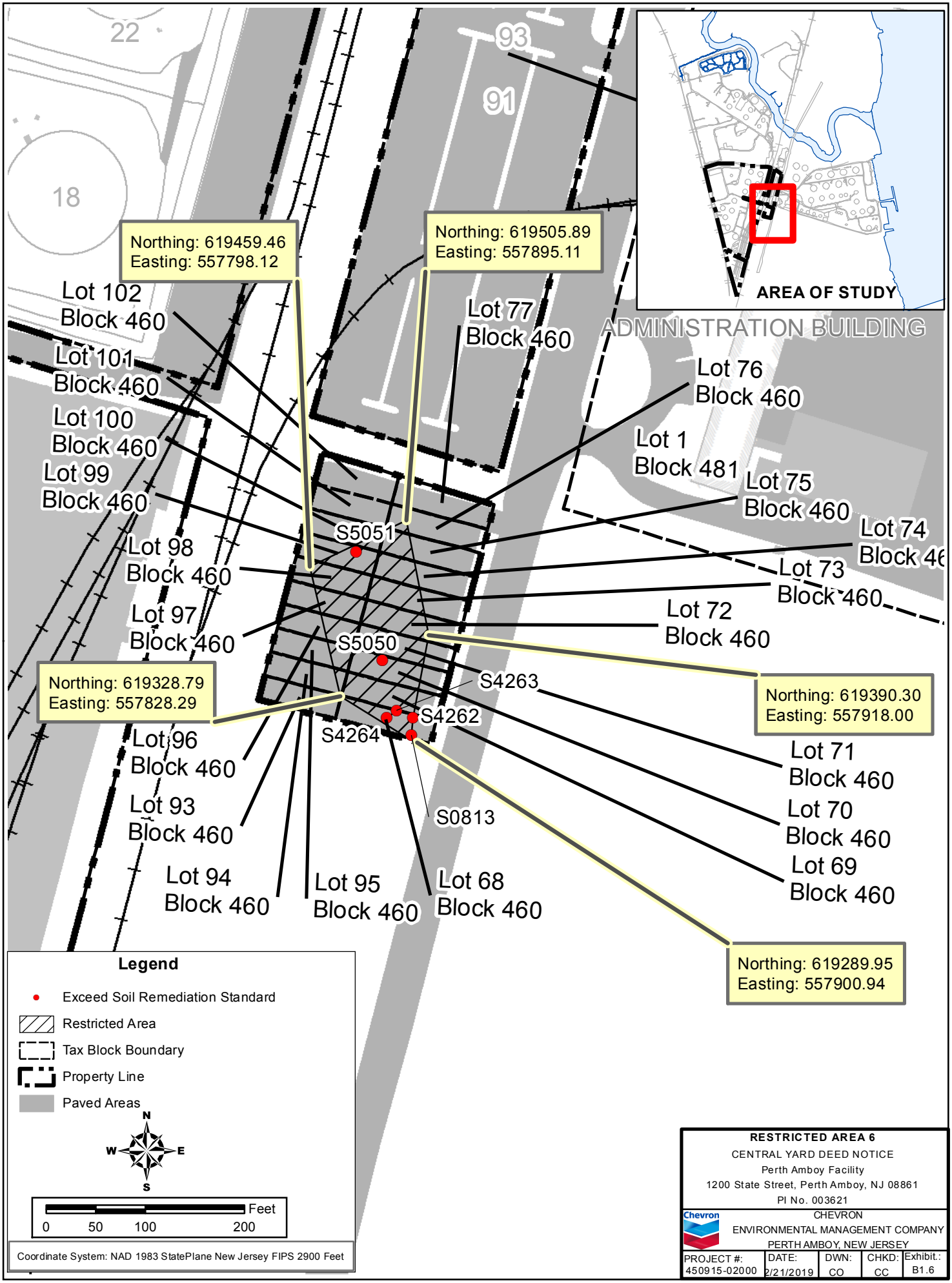
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID2.mxd



\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID3.mxd


AREA OF STUDY
199
23
22
31
32
19
18
16
Lot 1
Block 462
S2719
Northing: 619927.92
Easting: 557137.79
Northing: 619958.87
Easting: 557257.4
Northing: 619830.85
Easting: 557367.93
Northing: 619794.35
Easting: 557134.19
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0
50
100
200
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 4
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.4
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID4.mxd


Northing: 620162.629977
Easting: 557961.58996
Northing: 620147.650021
Easting: 558098.719935
Northing: 620045.186676
Easting: 557937.606422
Northing: 619865.919941
Easting: 557929.270143
Northing: 619981.347204
Easting: 558091.628414
Northing: 619779.71014
Easting: 557867.700056
Northing: 619591.950016
Easting: 557977.980019
Northing: 619731.379856
Easting: 557859.609849
S1853
S4606
S4607
S4611
S4617
S4620
S0745
S4615
S4618
S2867
S2866
S0916
S2869
S1855
S2868
S3865
S3864
94
91
27
22
18
Lot 1
Block 480
ADMINISTRATION BUILDING
AREA OF STUDY
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0
50
100
200
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 5
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
Chevron
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.5
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID5.mxd



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RESTRICTED AREA 6

CENTRAL YARD DEED NOTICE

Perth Amboy Facility

1200 State Street, Perth Amboy, NJ 08861

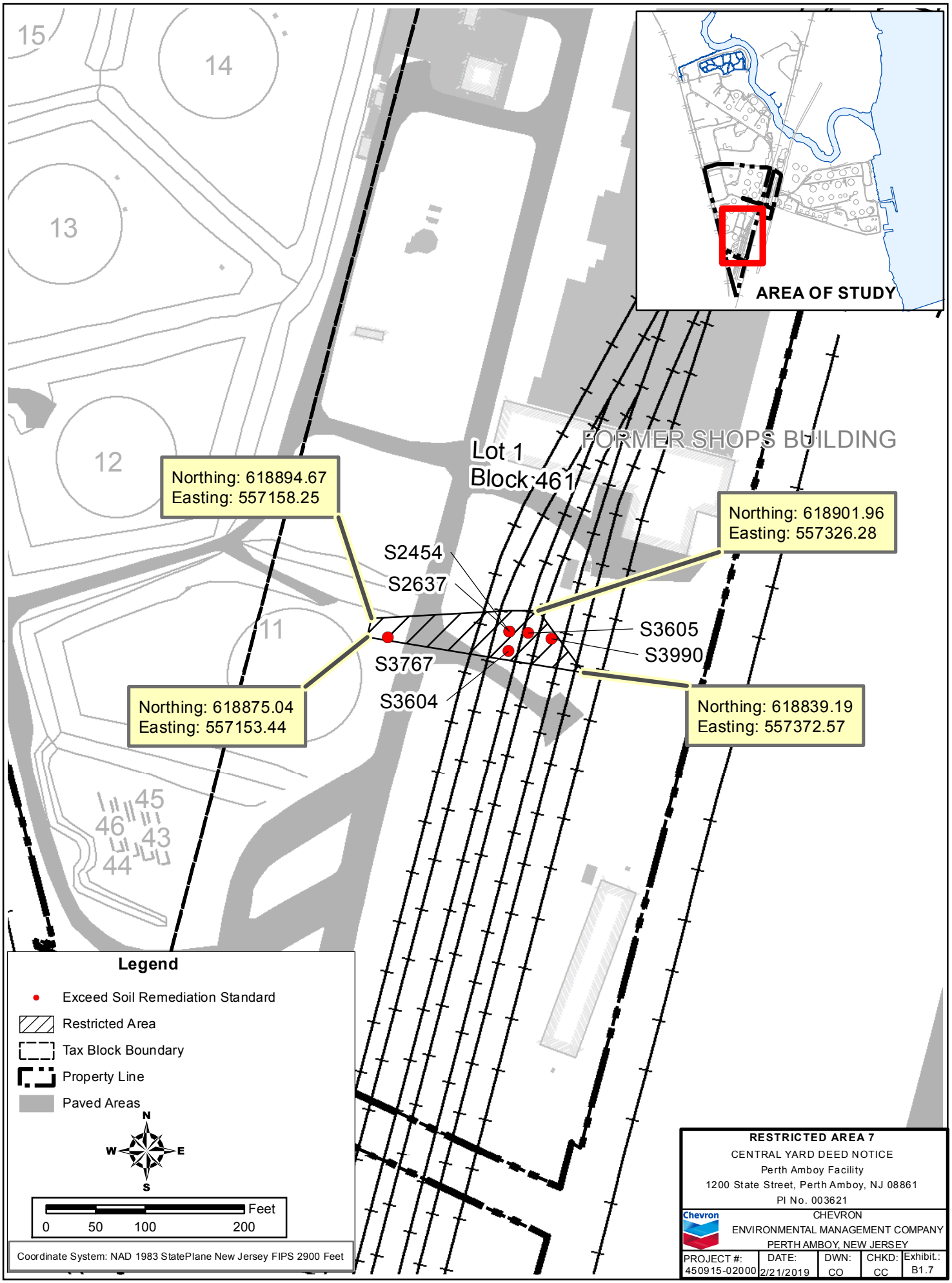
PI No. 003621

CHEVRON

ENVIRONMENTAL MANAGEMENT COMPANY

PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit.:
450915-02000	2/21/2019	CO	CC	B1.6



RESTRICTED AREA 7

CENTRAL YARD DEED NOTICE

Perth Amboy Facility

1200 State Street, Perth Amboy, NJ 08861

PI No. 003621

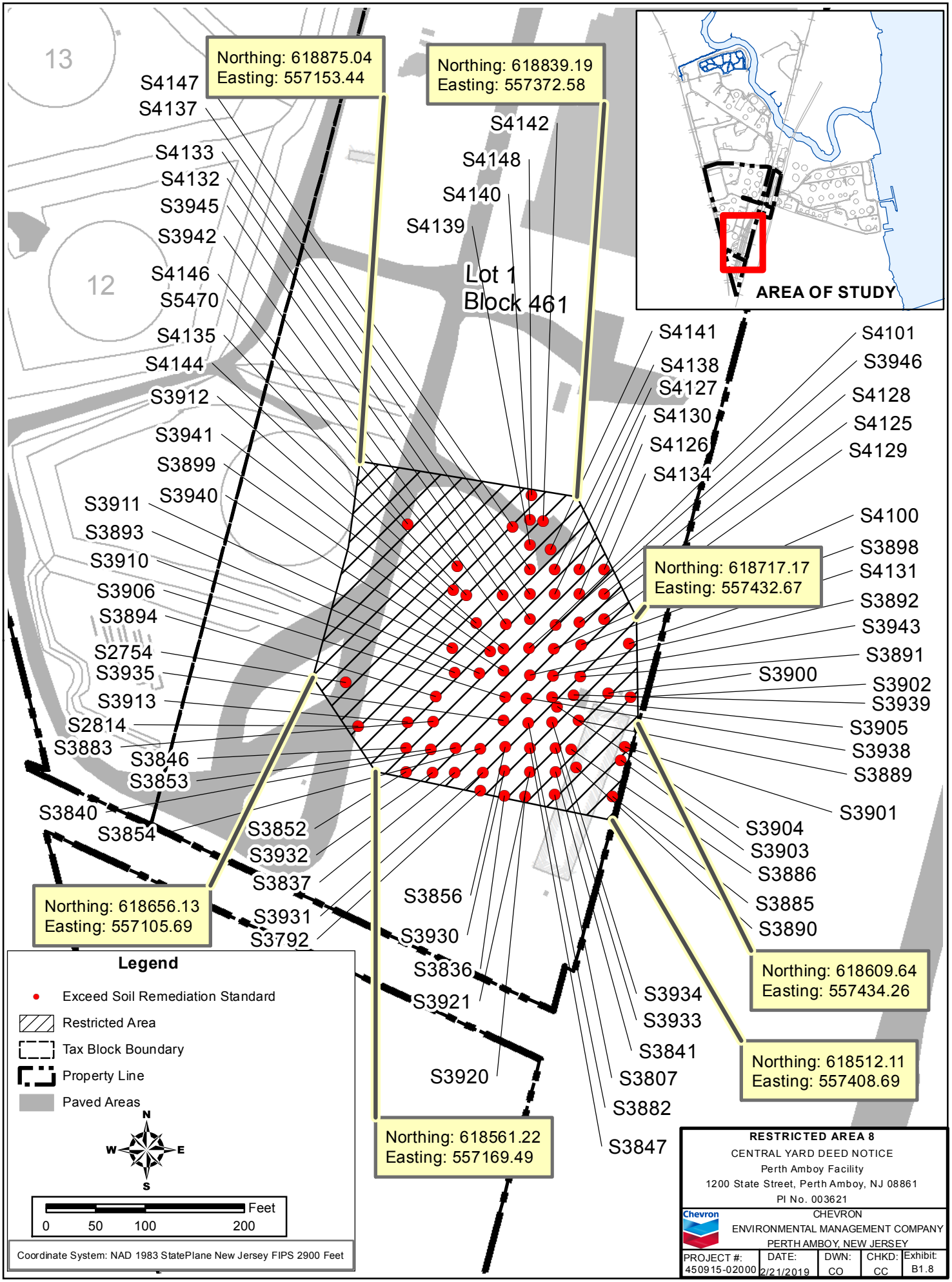
CHEVRON

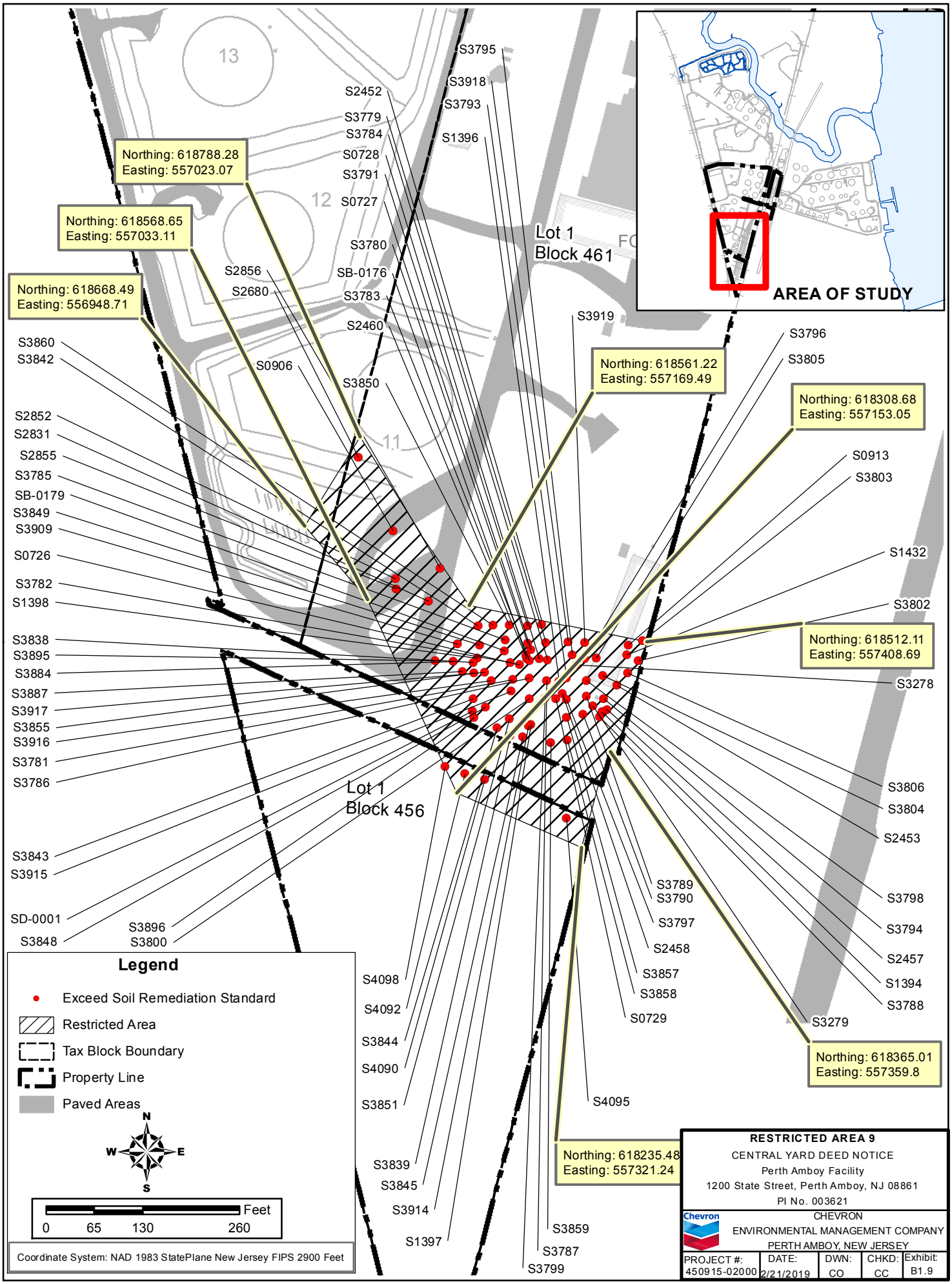
ENVIRONMENTAL MANAGEMENT COMPANY

PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit.:
450915-02000	2/21/2019	CO	CC	B1.7

\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID7.mxd


Northing: 618875.04
Easting: 557153.44
Northing: 618839.19
Easting: 557372.58
Northing: 618717.17
Easting: 557432.67
Northing: 618609.64
Easting: 557434.26
Northing: 618512.11
Easting: 557408.69
Northing: 618561.22
Easting: 557169.49
Northing: 618656.13
Easting: 557105.69
Lot 1
Block 461
AREA OF STUDY
S4147
S4137
S4133
S4132
S3945
S3942
S4146
S5470
S4135
S4144
S3912
S3941
S3899
S3940
S3911
S3893
S3910
S3906
S3894
S2754
S3935
S3913
S2814
S3883
S3846
S3853
S3840
S3854
S3852
S3932
S3837
S3931
S3792
S3856
S3930
S3836
S3921
S3920
S4142
S4148
S4140
S4139
S4141
S4138
S4127
S4130
S4126
S4134
S4101
S3946
S4128
S4125
S4129
S4100
S3898
S4131
S3892
S3943
S3891
S3900
S3902
S3939
S3905
S3938
S3889
S3901
S3904
S3903
S3886
S3885
S3890
S3934
S3933
S3841
S3807
S3882
S3847
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
0
50
100
200
Feet
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 8
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.8
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID8.mxd


Northing: 618788.28
Easting: 557023.07
Northing: 618568.65
Easting: 557033.11
Northing: 618668.49
Easting: 556948.71
Northing: 618561.22
Easting: 557169.49
Northing: 618308.68
Easting: 557153.05
Northing: 618512.11
Easting: 557408.69
Northing: 618365.01
Easting: 557359.8
Northing: 618235.48
Easting: 557321.24
Lot 1
Block 461
Lot 1
Block 456
AREA OF STUDY
S3795
S3918
S3793
S1396
S2452
S3779
S3784
S0728
S3791
S0727
S3780
SB-0176
S3783
S2460
S2856
S2680
S0906
S3850
S3860
S3842
S2852
S2831
S2855
S3785
SB-0179
S3849
S3909
S0726
S3782
S1398
S3838
S3895
S3884
S3887
S3917
S3855
S3916
S3781
S3786
S3843
S3915
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S3796
S3805
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S3802
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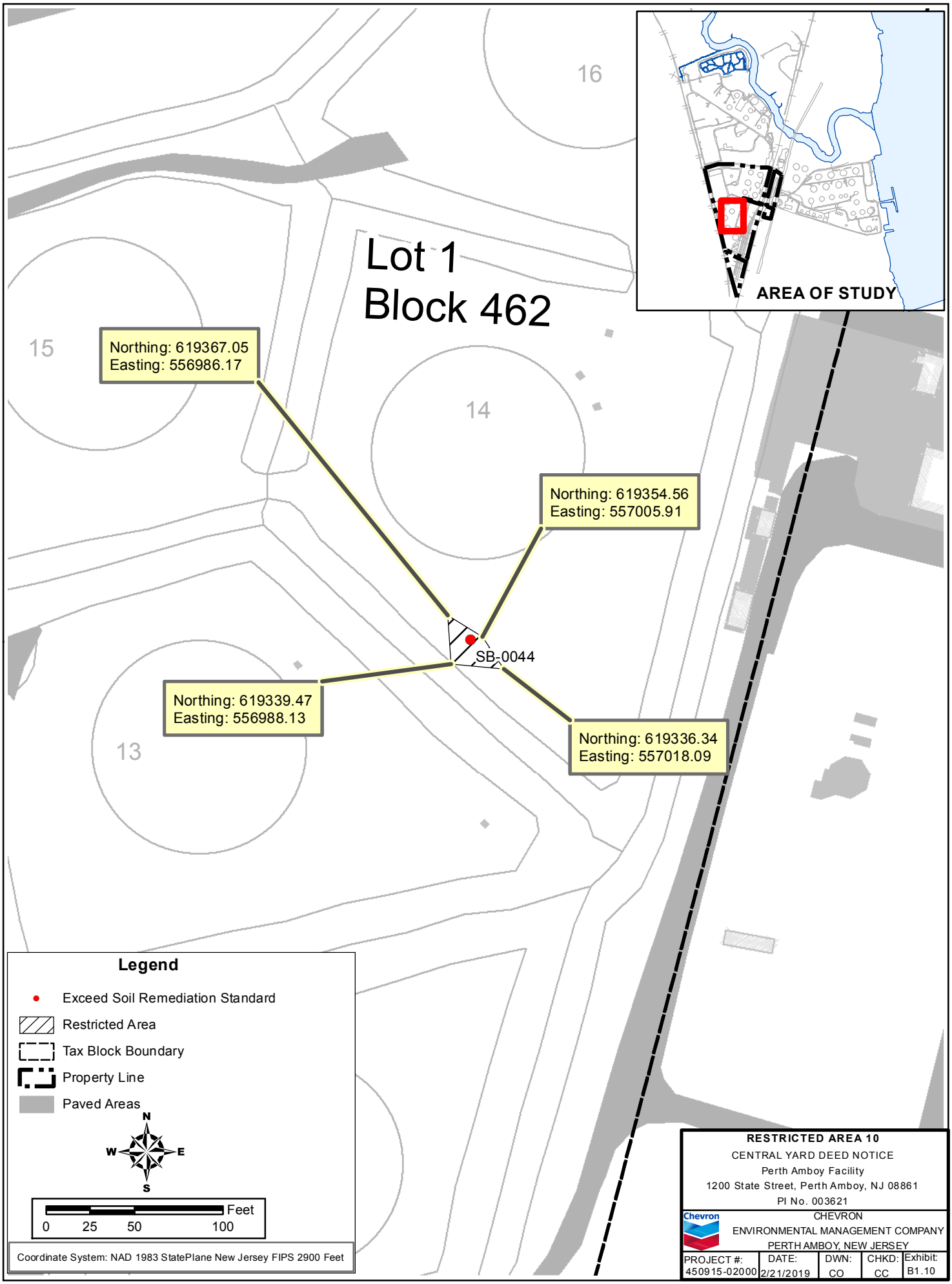
S3798
S3794
S2457
S1394
S3788
S3279
S3789
S3790
S3797
S2458
S3857
S3858
S0729
S4095
S4098
S4092
S3844
S4090
S3851
S3839
S3845
S3914
S1397
S3859
S3787
S3799
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0
65
130
260
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 9
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.9
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID9.mxd


Lot 1
Block 462
16
15
14
13
Northing: 619367.05
Easting: 556986.17
Northing: 619354.56
Easting: 557005.91
SB-0044
Northing: 619339.47
Easting: 556988.13
Northing: 619336.34
Easting: 557018.09
AREA OF STUDY
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0 25 50 100
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 10
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.10
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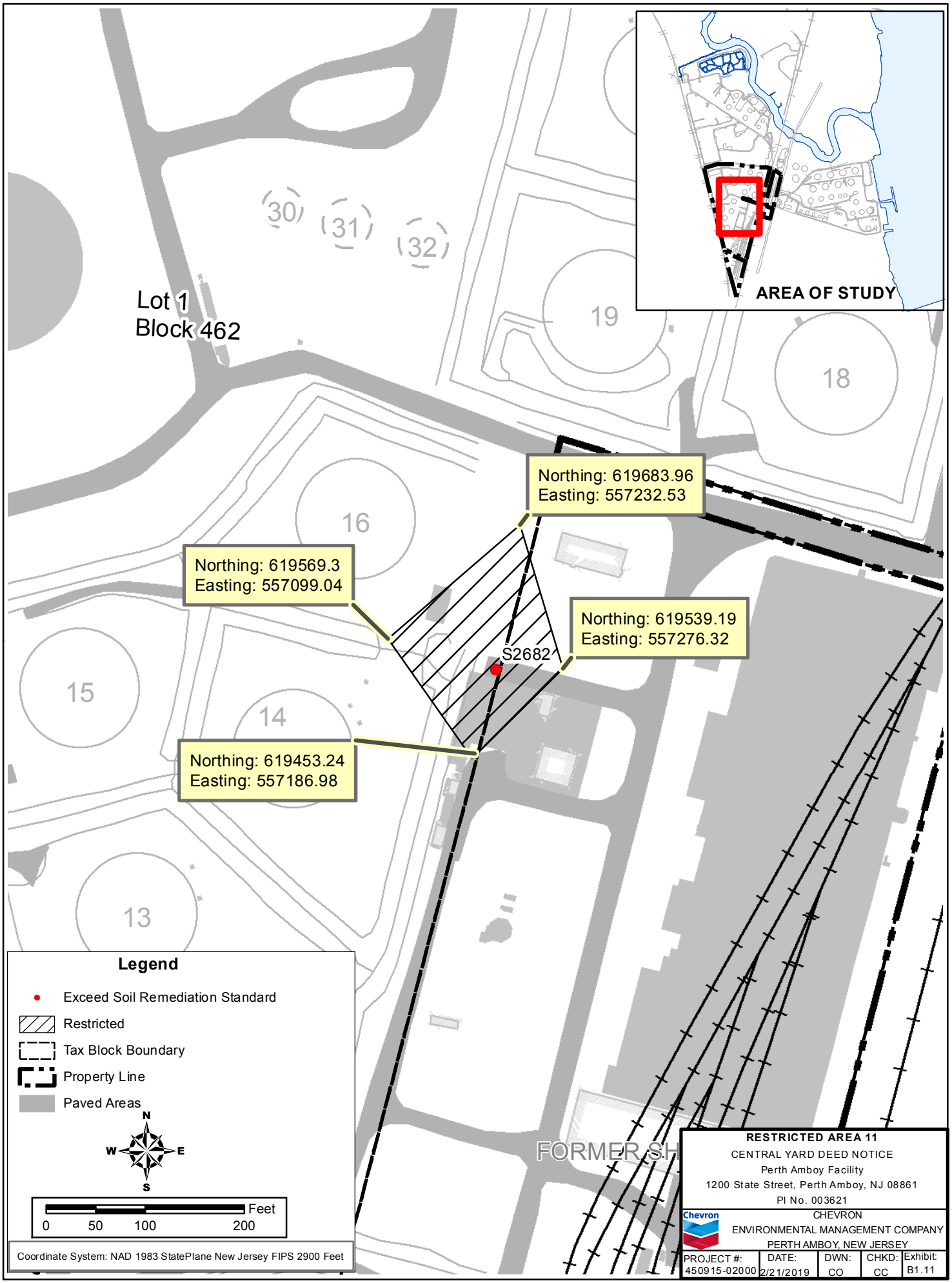
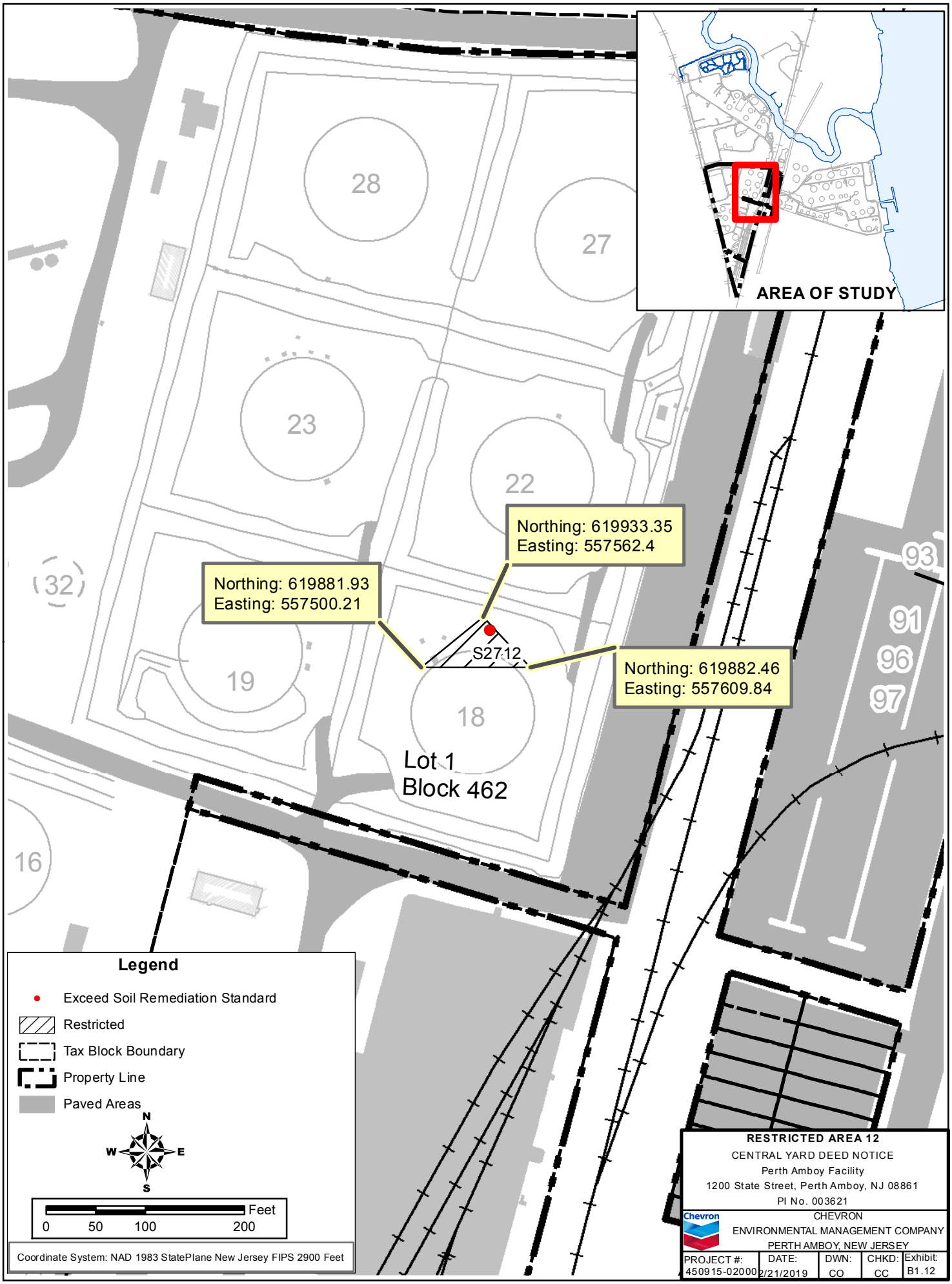

AREA OF STUDY
Lot 1
Block 462
30
31
32
19
18
16
15
14
13
Northing: 619683.96
Easting: 557232.53
Northing: 619569.3
Easting: 557099.04
Northing: 619539.19
Easting: 557276.32
S2682
Northing: 619453.24
Easting: 557186.98
FORMER SH
Legend
Exceed Soil Remediation Standard
Restricted
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0
50
100
200
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 11
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
Chevron
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.11
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID11.mxd



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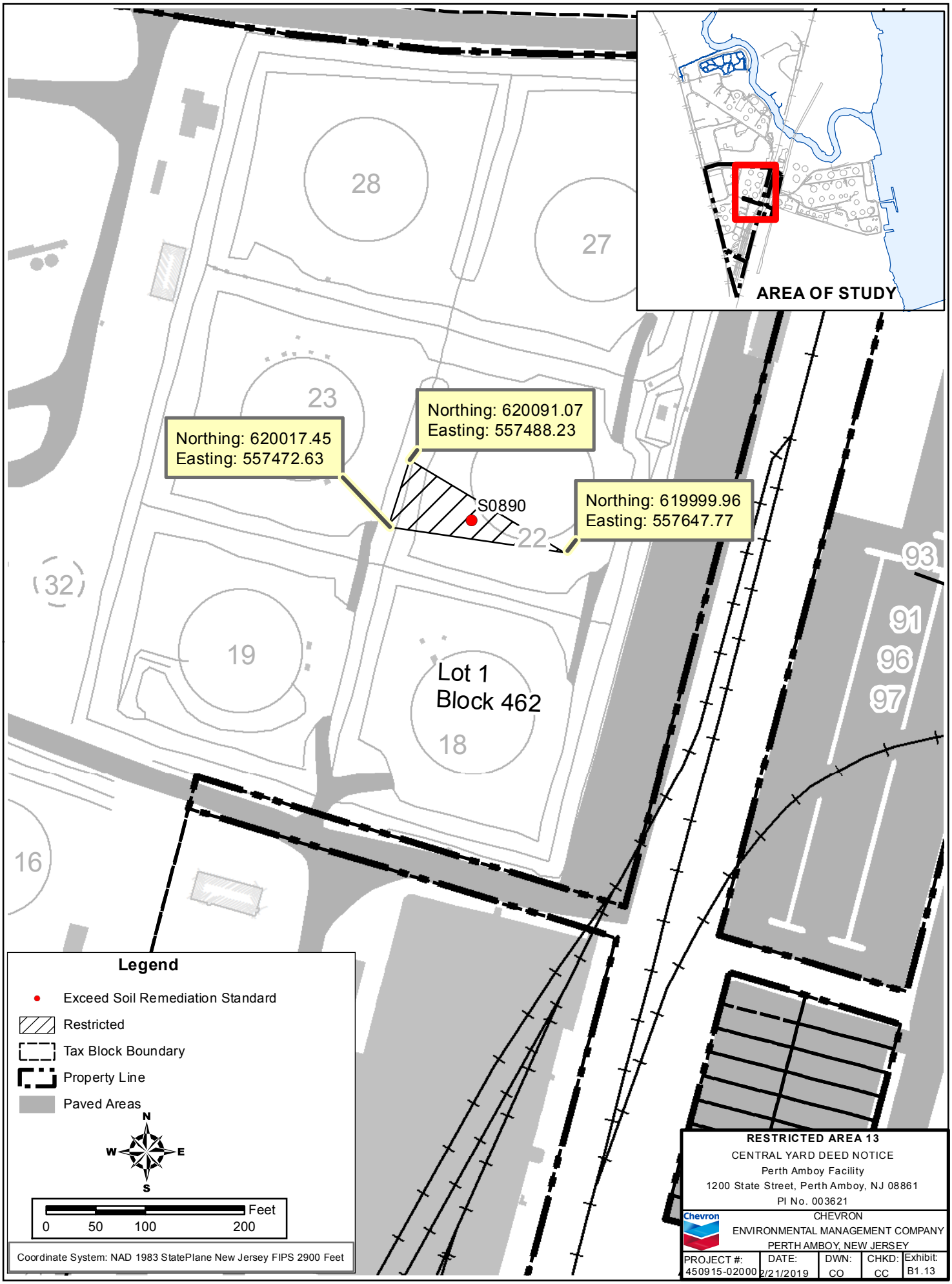


RESTRICTED AREA 13

CENTRAL YARD DEED NOTICE

Perth Amboy Facility

1200 State Street, Perth Amboy, NJ 08861

PI No. 003621

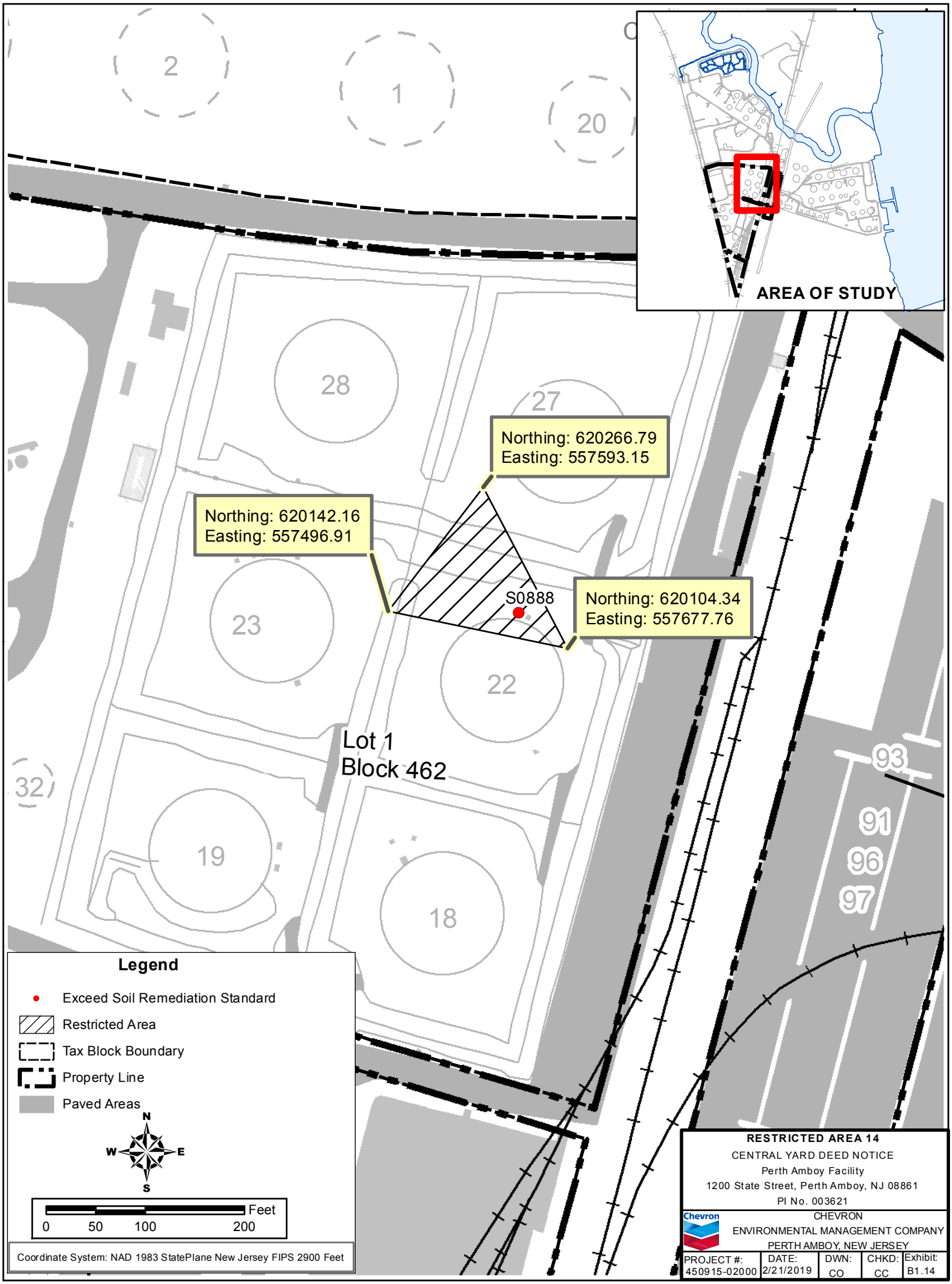
CHEVRON

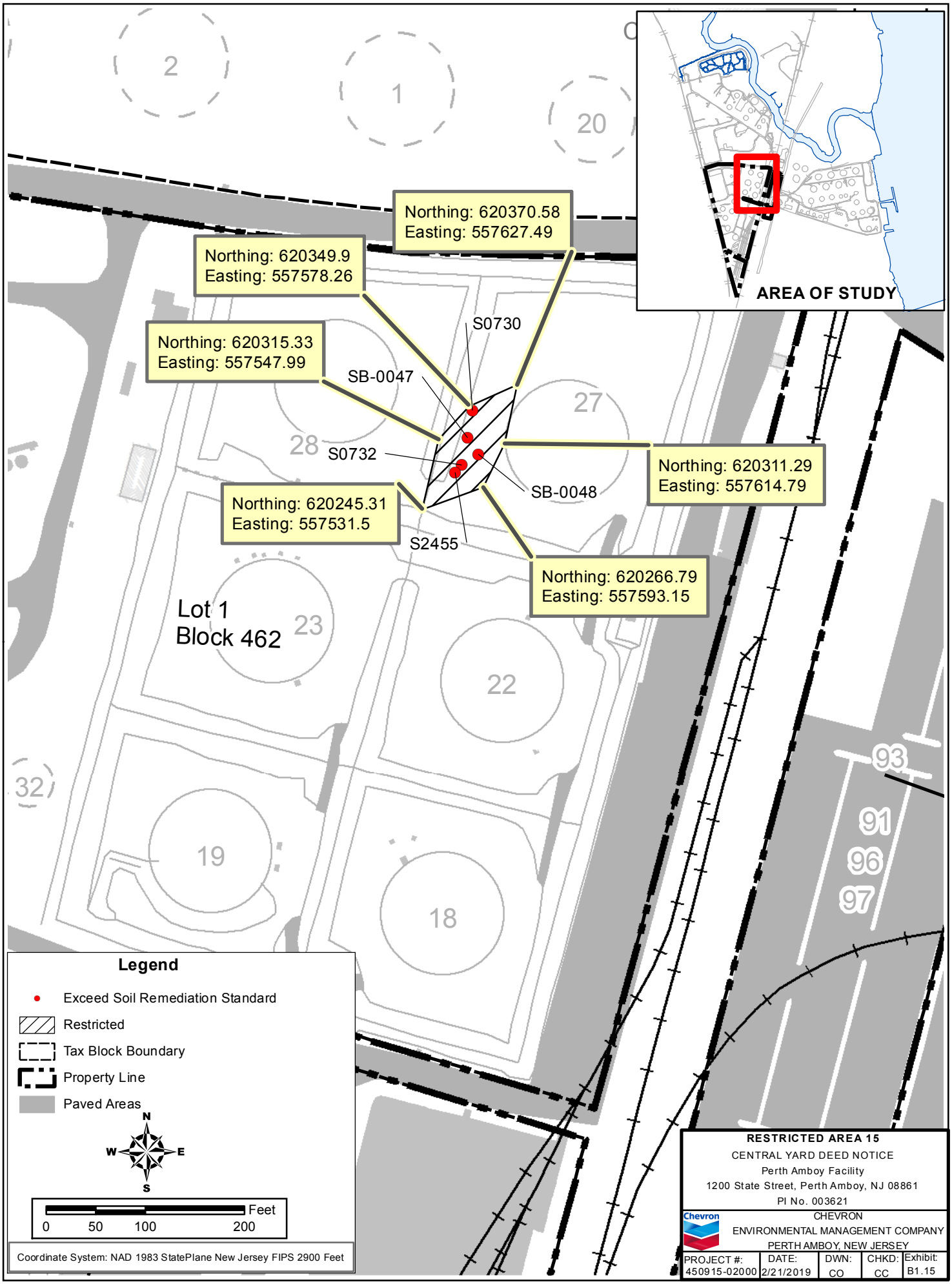
ENVIRONMENTAL MANAGEMENT COMPANY

PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit:
450915-02000	2/21/2019	CO	CC	B1.13

\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID13.mxd


AREA OF STUDY
Northing: 620266.79
Easting: 557593.15
Northing: 620142.16
Easting: 557496.91
Northing: 620104.34
Easting: 557677.76
S0888
Lot 1
Block 462
2
1
20
28
27
23
22
32
19
18
93
91
96
97
Legend
Exceed Soil Remediation Standard
Restricted Area
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
0
50
100
200
Feet
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 14
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.14
\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID14.mxd

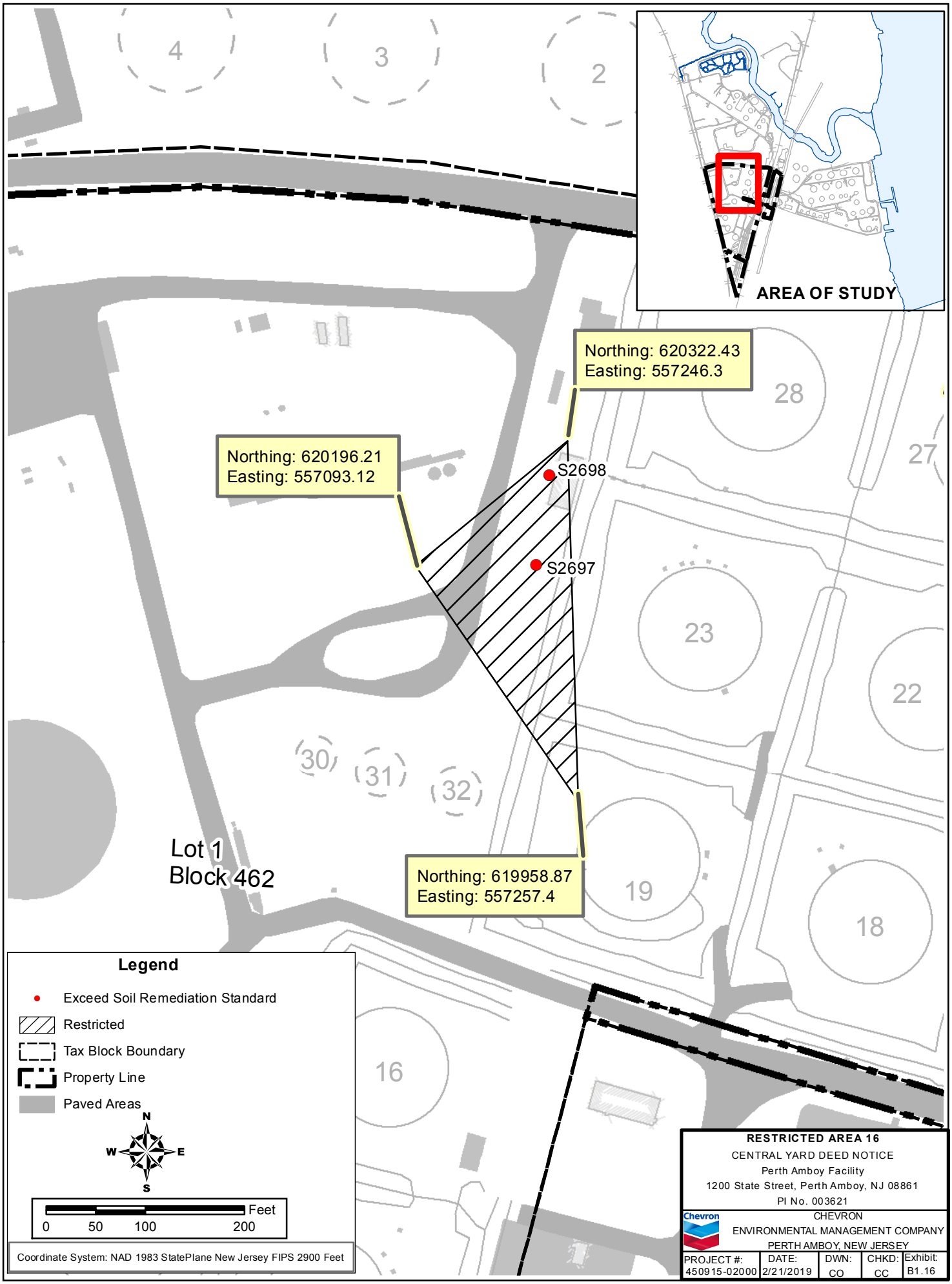


RESTRICTED AREA 15
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	Exhibit:
450915-02000	2/21/2019	CO	CC	B1.15

\\NJSOM02FS01\Projects\Chevron\DMS\Projects\Misc\Central Yard Deed Notice\ID15.mxd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Easting: 557246.3
Northing: 620196.21
Easting: 557093.12
S2698
S2697
Northing: 619958.87
Easting: 557257.4
Lot 1
Block 462
4
3
2
28
27
23
22
30
31
32
19
18
16
Legend
Exceed Soil Remediation Standard
Restricted
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
0
50
100
200
Feet
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 16
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.16
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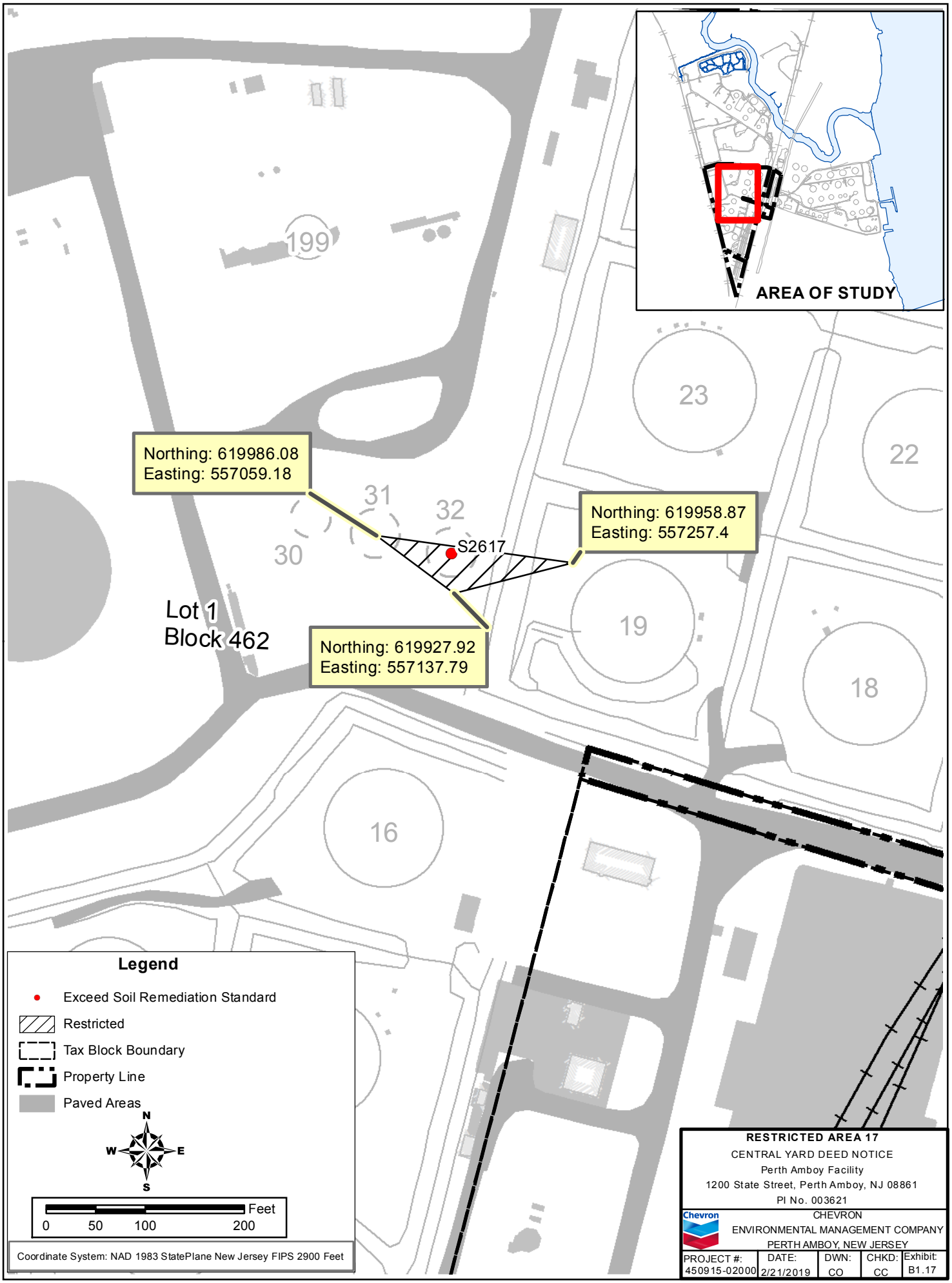
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Easting: 557059.18
Northing: 619958.87
Easting: 557257.4
Northing: 619927.92
Easting: 557137.79
S2617
Lot 1
Block 462
199
23
22
31
32
30
19
18
16
Legend
Exceed Soil Remediation Standard
Restricted
Tax Block Boundary
Property Line
Paved Areas
N
W
E
S
Feet
0
50
100
200
Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
RESTRICTED AREA 17
CENTRAL YARD DEED NOTICE
Perth Amboy Facility
1200 State Street, Perth Amboy, NJ 08861
PI No. 003621
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY
PROJECT #: 450915-02000
DATE: 2/21/2019
DWN: CO
CHKD: CC
Exhibit: B1.17
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Exhibit B-2 Restricted Area 1
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S0485A1	S0851A2	S1402A1	S1402B1	S2681A3	S2727A1
Elevation (ft MSL)				34.8 - 34.3	30.5 - 30	35 - 34.5	33 - 32.5	27.1 - 26.6	29.8 - 29.3
CAS #	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds									
91-57-6	2-Methyl-Naphthlalene	230	2400	--	--	--	--	--	--
56-55-3	Benzo(a)anthracene	5	17	--	--	--	7.8	--	--
50-32-8	Benzo(a)pyrene	0.5	2	17	3.8	2.3	6.7	0.85	0.71
205-99-2	Benzo(b)fluoranthene	5	17	12	--	--	7.9	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	1.8	0.83 J	--	0.87 J	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--
Metals									
7440-38-2	Arsenic	19	19	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	133	--	--	394	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable

Exhibit B-2 Restricted Area 1
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4279B2	S4280B3	S4280C3	S4281B1	S4287D2	S4289B2
Elevation (ft MSL)				25.6 - 25.1	25 - 24.5	23 - 22.5	26 - 25.5	21.6 - 21.1	25.5 - 25
CAS #	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds									
91-57-6	2-Methyl-Naphthlalene	230	2400	--	--	--	--	420	--
56-55-3	Benzo(a)anthracene	5	17	--	8.9	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	0.58	8.5	0.68	1.2	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	12	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	1.2	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	54	--
Metals									
7440-38-2	Arsenic	19	19	--	--	--	--	--	21.8
7440-62-2	Vanadium	78	1100	--	720	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey.
Since December 2016, all elevations surveyed by Parsons GPS.
Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 1
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4291A3	SB0242S-A	SB-0244S-C	SB-0245S-E
Elevation (ft MSL)				27 - 26.5	27 - 27	41 - 43	17.9 - 19.9
CAS #	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds							
91-57-6	2-Methyl-Naphthlalene	230	2400	--	--	--	--
56-55-3	Benzo(a)anthracene	5	17	--	--	5.4	--
50-32-8	Benzo(a)pyrene	0.5	2	0.97	--	4.2	0.8
205-99-2	Benzo(b)fluoranthene	5	17	--	--	5.3	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	7.1	--
Metals							
7440-38-2	Arsenic	19	19	--	--	--	--
7440-62-2	Vanadium	78	1100	--	99.7	--	78.8

Notes:
Elevations prior to December 2016 from from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 2
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2833A1	S2835A2	S2836A2	S3285A2	S3285C4	S3307A3
Elevation (ft MSL)				24.7 - 24.2	26.7 - 26.2	27.5 - 27	27.2 - 26.7	22.2 - 21.7	27 - 26.5
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds									
56-55-3	Benzo(a)anthracene	5	17	--	5.3	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	5.3	--	0.52	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	6.4	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	1.2	--	--	--	--
Metals									
7440-38-2	Arsenic	19	19	--	--	--	36.6	--	--
7439-92-1	Lead	400	800	461	--	--	--	--	--
7440-62-2	Vanadium	78	1100	118	79.2	133	10300	169	391

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 3
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2560A2	S2561A4	S2562B4	S2563B4	S2565C2	S2580D4
Elevation (ft MSL)				20.3 - 19.8	19.5 - 19	20.7 - 20.2	18 - 17.5	19.6 - 19.1	14.3 - 13.8
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds									
50-32-8	Benzo(a)pyrene	0.5	2	0.71	0.57	0.6	0.96	0.62	--
91-20-3	Naphthalene	6	17	8.2	--	--	--	--	35 J

Elevations prior to December 2016 from the 2012 Sitewide survey.
Since December 2016, all elevations surveyed by Parsons GPS.
Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 4
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2719A1
Elevation (ft MSL)				30.1 - 29.6
Units		mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds				
56-55-3	Benzo(a)anthracene	5	17	16
50-32-8	Benzo(a)pyrene	0.5	2	20
205-99-2	Benzo(b)fluoranthene	5	17	30
53-70-3	Dibenz(a,h)anthracene	0.5	2	3.4
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	13

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 5
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S1853	S1855	S0745A4	S0745E2	S0916B1	S2866B4	S2867A2
Elevation (ft MSL)				12.2 - 12.2	19.7 - 19.7	19 - 18.5	12 - 11.5	18 - 17.5	17.6 - 17.1	18.7 - 18.2
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
50-32-8	Benzo(a)pyrene	0.5	2	2.6 J	2.5	3.1 J	0.55 J	--	--	0.88 J
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	30	45.8	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7440-50-8	Copper	3100	45000	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	--	--	--	512	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 5
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2867A4	S2867B1	S2868A2	S2869A2	S3864B1	S3865B1	S4606D3
Elevation (ft MSL)				17.7 - 17.2	17.2 - 16.7	22.6 - 22.1	21.5 - 21	20.4 - 19.9	21.6 - 21.1	11.2 - 10.7
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	2.8
Semivolatile Organic Compounds										
50-32-8	Benzo(a)pyrene	0.5	2	--	1.1 J	3.5	--	0.58 J	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	7	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	0.64 J	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	75.6	121	--	--	--	--	--
7440-38-2	Arsenic	19	19	61.4	96.2	42	30.7	19	21.4	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7440-50-8	Copper	3100	45000	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	418	1200	406	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	133	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 5
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4607A3	S4611A3	S4615B1	S4617A3	S4618A2	S4620A1
Elevation (ft MSL)				16.3 - 15.8	17.5 - 17	17.4 - 16.9	17.1 - 16.6	18.7 - 18.2	17.8 - 17.3
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds									
71-43-2	Benzene	2	5	--	--	--	--	--	--
Semivolatile Organic Compounds									
50-32-8	Benzo(a)pyrene	0.5	2	--	1	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	15	--	--	--
Metals									
7440-36-0	Antimony	31	450	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	23.3	22.4	--
7440-41-7	Beryllium	16	140	--	--	--	--	21.4	--
7440-50-8	Copper	3100	45000	--	--	--	--	7150	--
7439-92-1	Lead	400	800	509	--	--	625	1720	846
7440-62-2	Vanadium	78	1100	106	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey.
Since December 2016, all elevations surveyed by Parsons GPS.
Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 6
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S0813B2	S4262A3	S4263A2	S4263E2	S4264A2	S5050C4	S5051D1	S5051D2	S5051F3
Elevation (ft MSL)				22.8 - 22.3	23.3 - 22.8	24.2 - 23.7	16.2 - 15.7	24.4 - 23.9	20.1 - 19.6	22.5 - 22	22 - 21.5	17.5 - 17
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals												
7440-36-0	Antimony	31	450	--	--	--	--	--	108	43.5	264	51.2
7440-38-2	Arsenic	19	19	--	309	415	59	160	184	45.9	367	125
7439-92-1	Lead	400	800	507	--	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey.
Since December 2016, all elevations surveyed by Parsons GPS.
Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 7
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2454C2	S2637C1	S3604B2	S3605R2A3	S3605A4	S3605R2A4	S3605R2B1
Elevation (ft MSL)				26.5 - 26	27 - 26.5	27.4 - 26.9	30.8 - 30.3	30.3 - 29.8	30.3 - 29.8	29.8 - 29.3
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
107-06-2	1,2-Dichloroethane	0.9	24	--	--	--	--	--	2.4	2.2
71-43-2	Benzene	2	5	33	13	2.8	3	31	57	63
Semivolatile Organic Compounds										
91-20-3	Naphthalene	6	17	130	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 7
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3605R2B2	S3605R2B3	S3605R3C3	S3767A1	S3990B1
Elevation (ft MSL)				29.3 - 28.8	28.8 - 28.3	26.8 - 26.3	28.7 - 28.2	30.4 - 29.9
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds								
107-06-2	1,2-Dichloroethane	0.9	24	--	--	--	--	--
71-43-2	Benzene	2	5	9.1	5.7	2.4	--	7.4
Semivolatile Organic Compounds								
91-20-3	Naphthalene	6	17	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 8
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2754F1	S2814A2	S3792R2G3	S3807I1	S3836D3	S3836R1H1	S3837G3	S3840H1
Elevation (ft MSL)				17.6 - 17.1	27.4 - 26.9	18.4 - 17.9	17 - 16.5	24.8 - 24.3	17.8 - 17.3	18.2 - 17.7	17.4 - 16.9
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	72.6	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	20.6	30.7	35.3	--	--	--	--	263
7439-92-1	Lead	400	800	711	687	9030	4240	1000	6780	15000	3520
7440-62-2	Vanadium	78	1100	--	187	--	--	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 8
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3841A1	S3841G2	S3846A2	S3847A2	S3847G1	S3852A2	S3853B1	S3853G1
Elevation (ft MSL)				33.3 - 32.8	20.8 - 20.3	29.9 - 29.4	31.5 - 31	20 - 19.5	29.5 - 29	29.1 - 28.6	19.1 - 18.6
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	30.5	26.6	--	--	32.8
7439-92-1	Lead	400	800	635	6380	586	1310	5690	433	553	2670
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 8
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3854G3	S3856G4	S3882R1E2	S3883A2	S3883G2	S3885A2	S3885G2	S3886A1
Elevation (ft MSL)				18.6 - 18.1	18.4 - 17.9	23.5 - 23	30.5 - 30	18.5 - 18	30.5 - 30	18.5 - 18	33.3 - 32.8
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	43	29.9	--	69.1	25	--	--
7439-92-1	Lead	400	800	3060	2090	180000	527	916	--	615	566
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 8
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3886R1C1	S3886G2	S3889A4	S3889B2	S3889G3	S3890F3	S3891B1	S3891C2
Elevation (ft MSL)				29.3 - 28.8	20.8 - 20.3	31.5 - 31	30.5 - 30	20 - 19.5	20.8 - 20.3	31 - 30.5	28.5 - 28
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	24.4	--	--	--	--	--
7439-92-1	Lead	400	800	1160	20700	529	813	22300	423	1040	798
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 8
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3891E4	S3892B2	S3893B2	S3893C3	S3894R1B1	S3894R1C3	S3898B2	S3898G2
Elevation (ft MSL)				23.5 - 23	29.6 - 29.1	29.3 - 28.8	26.8 - 26.3	28.7 - 28.2	25.7 - 25.2	30.4 - 29.9	20.4 - 19.9
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	1180	421	1590	657	626	605	792	1440
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 8
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3899A4	S3900C4	S3900F3	S3901R1E3	S3901F2	S3902R1B2	S3903C3	S3903G3
Elevation (ft MSL)				30.5 - 30	27.8 - 27.3	22.3 - 21.8	23.4 - 22.9	21.9 - 21.4	30.7 - 30.2	27.2 - 26.7	19.2 - 18.7
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--	90.3
7439-92-1	Lead	400	800	1250	749	2920	730	841	448	2490	8110
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3904R1C1	S3905A4	S3906F1	S3910A2	S3911A1	S3912A1	S3912B2	S3913A1
Elevation (ft MSL)				28.4 - 27.9	31 - 30.5	21.9 - 21.4	30.4 - 29.9	0 - -0.5	31.3 - 30.8	28.8 - 28.3	30.1 - 29.6
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	539	429	2010	543	1350	497	1570	726
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3920G2	S3921R1G2	S3930G3	S3931D1	S3931H1	S3931H4	S3932G3	S3933B2
Elevation (ft MSL)				19.5 - 19	19.3 - 18.8	18.7 - 18.2	25.5 - 25	17.5 - 17	16 - 15.5	18 - 17.5	30.4 - 29.9
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	8520	9540	5290	1410	8600	1220	8050	516
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3933G2	S3934A3	S3935F4	S3938R1D2	S3938R1E1	S3939C3	S3940A4	S3941C3
Elevation (ft MSL)				20.4 - 19.9	31.1 - 30.6	20.5 - 20	25.5 - 25	24 - 23.5	28 - 27.5	30.4 - 29.9	27 - 26.5
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	32	--	--	--	--	--
7439-92-1	Lead	400	800	10400	872	--	1080	413	489	402	3810
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3941D3	S3942C3	S3942D2	S3943A4	S3943R1D2	S3945A4	S3946B1	S3946B4
Elevation (ft MSL)				25 - 24.5	27 - 26.5	25.5 - 25	31 - 30.5	26 - 25.5	30.5 - 30	30.3 - 29.8	28.8 - 28.3
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	53000	1540	504	607	987	705	7120	461
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4100A3	S4101G1	S4125D2	S4125G1	S4126F1	S4127F2	S4128A3	S4129A3
Elevation (ft MSL)				31.6 - 31.1	20.5 - 20	26.4 - 25.9	20.9 - 20.4	23 - 22.5	22.3 - 21.8	32.1 - 31.6	32.2 - 31.7
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	19.9	--	90.1	--	28.7
7439-92-1	Lead	400	800	845	525	1520	4510	1720	21800	440	809
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4130B3	S4130F2	S4131B1	S4132B1	S4133E2	S4134A1	S4135D1	S4137F2
Elevation (ft MSL)				30 - 29.5	22.5 - 22	31.3 - 30.8	30.3 - 29.8	23.9 - 23.4	33.2 - 32.7	25 - 24.5	22.7 - 22.2
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	68.6	--	--	19.7	128	--	--
7439-92-1	Lead	400	800	731	896	689	10600	5890	411	4520	1080
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4138A3	S4138F2	S4139B3	S4140B3	S4140R1D3	S4141D4	S4142B2	S4144B1
Elevation (ft MSL)				32 - 31.5	22.5 - 22	30.2 - 29.7	29.4 - 28.9	25.4 - 24.9	26 - 25.5	30.5 - 30	27.9 - 27.4
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	106	67.5	--	--	--	--	469	--
7439-92-1	Lead	400	800	--	5010	1450	1330	953	1630	--	420
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4144D3	S4146D3	S4147D1	S4148A3	S4148E2	S5470A3
Elevation (ft MSL)				22.9 - 22.4	22 - 21.5	25.9 - 25.4	30.8 - 30.3	23.3 - 22.8	27.6 - 27.1
Units	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals									
7440-36-0	Antimony	31	450	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	19.8	--	--
7439-92-1	Lead	400	800	2590	48300	461	405	880	1330
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--

Notes:

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S0726G2	S0727H3	S0728A3	S0728G3	S0729I3	S0906F1	S0913H3
Elevation (ft MSL)				18.3 - 17.8	15.9 - 15.4	29.9 - 29.4	17.9 - 17.4	16.2 - 15.7	17.1 - 16.6	18.2 - 17.7
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	7.77	--	8.36	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	1.7 J
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	103	--	--	--	--
7440-38-2	Arsenic	19	19	--	34.3	--	--	22.4	27.8	29.5
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	785	697	--	1060	11000	--	8670
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	86.5	--	--	--	--	--

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S1394I2	S1394J4	S1396I3	S1396K2	S1397I2	S1398B2	S1398H4
Elevation (ft MSL)				17 - 16.5	14 - 13.5	16.1 - 15.6	12.6 - 12.1	14.4 - 13.9	27.7 - 27.2	14.7 - 14.2
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	5.6	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	1.9 J	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	21.2	29.3	34.8	35.4	25.2	--	24.1
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	2270	530	2680	--	--	493
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S1432F2	S1432G4	S2452G4	S2452H1	S2453F1	S2457J2	S2458J2
Elevation (ft MSL)				22.4 - 21.9	19.4 - 18.9	17.5 - 17	17 - 16.5	23.2 - 22.7	14.6 - 14.1	14.7 - 14.2
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	12	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	9.3	2.4	0.59	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	10	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	1.8 J	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	5.3	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	225	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	43.4	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	--	--	1690	3540	22700	12700
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	186	--	--	--	--	--

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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2460H2	S2680A3	S2831A3	S2831C3	S2831E1	S2831F1	S2852A3
Elevation (ft MSL)				16.4 - 15.9	27.3 - 26.8	26.9 - 26.4	22.9 - 22.4	19.9 - 19.4	17.9 - 17.4	26.6 - 26.1
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	9.3	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	0.93	0.72	4	--	0.53	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	2.1	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	26	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	58.3	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	36.1	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	3300	--	--	--	520	--	490
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	199	--	131	--

Notes:
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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2855B1	S2855D4	S2855E1	S2856A2	S2856A3	S2856E3	S3278F2
Elevation (ft MSL)				25.7 - 25.2	20.2 - 19.7	19.7 - 19.2	27.3 - 26.8	26.8 - 26.3	18.8 - 18.3	22.9 - 22.4
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	7.6
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	0.58	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	54	--
7440-38-2	Arsenic	19	19	20.1	--	--	--	--	20.1	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	494	3380	827	--	649	873	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	104	--	--	--

Notes:
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Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3278H4	S3278R2I2	S3279H3	S3779F4	S3779G3	S3780A3	S3780G1
Elevation (ft MSL)				17.9 - 17.4	16.9 - 16.4	18.4 - 17.9	19.9 - 19.4	18.4 - 17.9	30 - 29.5	19 - 18.5
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	20	2.7	9.1	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	0.7	--	0.58	1.3
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	39	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	--	--	--	6580	--	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3780G2	S3781R1G3	S3782D4	S3782F3	S3782H2	S3783R2A2	S3783R2A3
Elevation (ft MSL)				18.5 - 18	17.7 - 17.2	23.2 - 22.7	19.7 - 19.2	16.2 - 15.7	30.5 - 30	30 - 29.5
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	0.67
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	21.1	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	6300	16500	537	550	15100	2220	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3783R2B2	S3783R2D4	S3783R2G2	S3783R2G4	S3783R2H3	S3784B1	S3784D2
Elevation (ft MSL)				28.5 - 28	23.5 - 23	18.5 - 18	17.5 - 17	16 - 15.5	29.1 - 28.6	24.6 - 24.1
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	2.6	--	--	--	5
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	444	531	--	8780	1070	523	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3784G3	S3784RH3	S3785R1E2	S3785R2E4	S3785R1F3	S3785R1H3	S3786G2
Elevation (ft MSL)				18.1 - 17.6	16.1 - 15.6	22.1 - 21.6	21.1 - 20.6	19.6 - 19.1	15.6 - 15.1	18.4 - 17.9
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	1.4	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	4050	14300	421	406	616	17500	9780
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3786H3	S3787G2	S3787H1	S3787I1	S3788B1	S3788I2	S3788J1
Elevation (ft MSL)				15.9 - 15.4	18.5 - 18	17 - 16.5	15 - 14.5	31 - 30.5	16.5 - 16	15 - 14.5
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	1.2	--	--	--	1.9	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	25	--	--	51.8	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	20400	--	6450	12300	780	--	13700
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
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Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3788K1	S3789D1	S3789D3	S3789R2H2	S3789H4	S3789J1	S3789K3
Elevation (ft MSL)				13 - 12.5	27.5 - 27	26.5 - 26	19 - 18.5	18 - 17.5	15.5 - 15	12.5 - 12
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	39	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	3	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	58.8	--	--	--	--	--	72.7
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	453	1140	--	--	44100	1310
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3790R1H3	S3790R1J1	S3790R1K1	S3791R1G1	S3793D1	S3793H4	S3793J1
Elevation (ft MSL)				18.1 - 17.6	15.1 - 14.6	13.1 - 12.6	19 - 18.5	27.2 - 26.7	17.7 - 17.2	15.2 - 14.7
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	1.4	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	526	32100	409	14400	484	--	16700
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3794I3	S3794J2	S3795A2	S3795H4	S3795I4	S3796C1	S3796R1H4
Elevation (ft MSL)				16.2 - 15.7	14.7 - 14.2	32.6 - 32.1	17.6 - 17.1	15.6 - 15.1	29.5 - 29	18 - 17.5
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	11	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	1.7	--	--	1.7
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	56.9	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	19900	2550	1960	--	13100	933	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3796R1I1	S3796R1I3	S3797F3	S3797R1H3	S3797J3	S3798G1	S3798G3
Elevation (ft MSL)				17.5 - 17	16.5 - 16	22.5 - 22	18.5 - 18	14.5 - 14	21.5 - 21	20.5 - 20
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	5.9	--	--	32	--	32	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	3.9
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	26300	15200	--	13900	--	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3798G4	S3798J1	S3799G3	S3799I2	S3799J1	S3800H3	S3800I3
Elevation (ft MSL)				20 - 19.5	15.5 - 15	18.5 - 18	15 - 14.5	13.5 - 13	15.8 - 15.3	13.8 - 13.3
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	43	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	30.9	--	39.2	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	13900	--	26000	--	35200	918
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3802A2	S3802A4	S3802C3	S3802D4	S3803F2	S3804A3	S3804R4E4
Elevation (ft MSL)				29 - 28.5	28 - 27.5	24.5 - 24	22 - 21.5	19.9 - 19.4	32.2 - 31.7	23.7 - 23.2
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	11
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	22.5	23.5	72.4	92.7	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	--	875	1460	1620	422	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3804R3G3	S3804R1I3	S3805B1	S3806G2	S3838G4	S3838H3	S3839B2
Elevation (ft MSL)				20.2 - 19.7	16.2 - 15.7	29.6 - 29.1	18.5 - 18	16.6 - 16.1	15.1 - 14.6	27.2 - 26.7
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	25	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	27.2	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	9310	423	631	4620	502	448
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

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Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3839H1	S3842A1	S3843R1B3	S3843G2	S3844R1F4	S3845F4	S3848G3
Elevation (ft MSL)				15.7 - 15.2	29.6 - 29.1	26.8 - 26.3	17.3 - 16.8	18 - 17.5	17.8 - 17.3	17.1 - 16.6
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	20.6	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	17800	436	409	988	555	17600	4500
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3849G2	S3850R1G3	S3851F4	S3851H1	S3855G4	S3857E1	S3857R2G2
Elevation (ft MSL)				17.8 - 17.3	17.9 - 17.4	18.7 - 18.2	16.2 - 15.7	16.7 - 16.2	22.3 - 21.8	17.8 - 17.3
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	2.2
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	33.3	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	3870	12200	564	11800	3780	8580	--
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3857G4	S3858F3	S3858H3	S3859R1F3	S3860R1D3	S3860R1G1	S3884G2
Elevation (ft MSL)				16.8 - 16.3	19.1 - 18.6	15.1 - 14.6	18.3 - 17.8	23.2 - 22.7	18.2 - 17.7	15.8 - 15.3
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	23.6	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	12500	19100	2480	7690	505	561	1770
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3887G2	S3895A4	S3896C3	S3909A1	S3914R1G4	S3915R1G2	S3916H3
Elevation (ft MSL)				17.2 - 16.7	26.4 - 25.9	24 - 23.5	28 - 27.5	16.8 - 16.3	18.2 - 17.7	15.5 - 15
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	33.7	--	--	--	--	--	--
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	--	595	417	528	8240	15700	11600
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S3917R1H1	S3918I1	S3919R1B4	S3919I2	S4090A3	S4092B1	S4095C1
Elevation (ft MSL)				16.3 - 15.8	15.9 - 15.4	29.7 - 29.2	16.7 - 16.2	24.5 - 24	24 - 23.5	20.8 - 20.3
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds										
71-43-2	Benzene	2	5	--	--	--	--	--	--	--
Semivolatile Organic Compounds										
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--	--	--	--
Metals										
7440-36-0	Antimony	31	450	--	--	--	--	--	--	--
7440-38-2	Arsenic	19	19	--	--	--	--	38.9	2420	70.4
7440-41-7	Beryllium	16	140	--	--	--	--	--	--	--
7439-92-1	Lead	400	800	8500	8440	4700	30400	444	35600	986
7440-02-0	Nickel	1600	23000	--	--	--	--	--	--	--
7440-62-2	Vanadium	78	1100	--	--	--	--	--	--	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.

-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 9
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S4098A4	SD-0001S	SB-0176S-B	SB-0179S-A
Elevation (ft MSL)				25.1 - 24.6	30.1 - 30.1	29 - 27	28.6 - 28.6
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds							
71-43-2	Benzene	2	5	--	--	--	--
Semivolatile Organic Compounds							
56-55-3	Benzo(a)anthracene	5	17	--	--	--	--
50-32-8	Benzo(a)pyrene	0.5	2	--	1.6	--	1.3
205-99-2	Benzo(b)fluoranthene	5	17	--	--	--	--
53-70-3	Dibenz(a,h)anthracene	0.5	2	--	--	--	--
193-39-5	Indeno(1,2,3-cd)Pyrene	5	17	--	--	--	--
91-20-3	Naphthalene	6	17	--	--	--	--
Metals							
7440-36-0	Antimony	31	450	--	--	--	--
7440-38-2	Arsenic	19	19	22.2	27.2	--	--
7440-41-7	Beryllium	16	140	--	--	39.7	--
7439-92-1	Lead	400	800	--	470	6620	--
7440-02-0	Nickel	1600	23000	--	--	3080	--
7440-62-2	Vanadium	78	1100	--	79	--	117

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 10
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	SB-0044S-C
Elevation (ft MSL)				28.5 - 30.5
Units		mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds				
91-20-3	Naphthalene	6	17	11
Metals				
7439-92-1	Lead	400	800	1330

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 11
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2682B2
Elevation (ft MSL)				32.5 - 32
Units		mg/kg	mg/kg	mg/kg
Metals				
7440-36-0	Antimony	31	450	192
7440-38-2	Arsenic	19	19	74.8
7439-92-1	Lead	400	800	6620

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey.
Since December 2016, all elevations surveyed by Parsons GPS.
Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 12
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2712A3
Elevation (ft MSL)				27 - 26.5
Units		mg/kg	mg/kg	mg/kg
Metals				
7440-38-2	Arsenic	19	19	24.7
7440-62-2	Vanadium	78	1100	117

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey.
Since December 2016, all elevations surveyed by Parsons GPS.
Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 13
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S0890A2
Elevation (ft MSL)				24.3 - 23.8
Units		mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds				
50-32-8	Benzo(a)pyrene	0.5	2	0.94 J

Notes:

Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 14
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S0888C3
Elevation (ft MSL)				19.9 - 19.4
Units		mg/kg	mg/kg	mg/kg
Metals				
7440-38-2	Arsenic	19	19	35.3

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 15
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S0730B2	S0732C1	S2455F1	SB-0047S-B	SB-0048S-B
Elevation (ft MSL)				19.8 - 19.3	19.5 - 19	13.9 - 13.4	18.3 - 20.3	18.5 - 20.5
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds								
106-93-4	1,2-Dibromoethane	0.008	0.04	0.1483	--	--	--	--
107-02-8	Acrolein	0.5	1	0.7416	--	--	--	--
71-43-2	Benzene	2	5	--	5.18	5	--	--
Semivolatile Organic Compounds								
91-20-3	Naphthalene	6	17	--	16.5	30	26	9
Metals								
7439-92-1	Lead	400	800	--	--	--	1060	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 16
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2697A2	S2698A3
Elevation (ft MSL)				28.6 - 28.1	26 - 25.5
Units		mg/kg	mg/kg	mg/kg	mg/kg
Semivolatile Organic Compounds					
50-32-8	Benzo(a)pyrene	0.5	2	--	0.69
Metals					
7439-92-1	Lead	400	800	513	--

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit B-2 Restricted Area 17
Central Yard Deed Notice
Perth Amboy Facility

Sample ID		Residential Soil Remediation Standard	Non-Residential Soil Remediation Standard	S2617E2
Elevation (ft MSL)				21.9 - 21.4
Units		mg/kg	mg/kg	mg/kg
Metals				
7439-92-1	Lead	400	800	481

Notes:
Elevations prior to December 2016 from the 2012 Sitewide survey. Since December 2016, all elevations surveyed by Parsons GPS. Vertical datum NGVD 29.
-- indicates compound not detected above applicable criteria.

Exhibit C-1

Deed Notice as Institutional Control

Impacted soil remains within Restricted Areas 1 through 17, a total of 14.74 acres in size, at the locations shown on Exhibit B-1.1 through B1-17. The Restricted Areas are:

1. Restricted Area 1 is 4.23 acres and shown on Exhibit B1.1. Restricted area 1 encompasses portions of Area of Concern (AOC) 25, Potential Area of Concern (PAOC) 82, and Tank Basin (TB) 15.
2. Restricted Area 2 is 1.27 acres and shown on Exhibit B1.2. Restricted area 2 encompasses portions of PAOC 75.
3. Restricted Area 3 is 0.53 acres and shown on Exhibit B1.3. Restricted area 3 encompasses portions PAOCs 9 and 11 and TB 28.
4. Restricted Area 4 is 0.57 acres and shown on Exhibit B1.4. Restricted area 18 encompasses portions of PAOC 29 and 31 in TBs 19, 30, 31, 32.
5. Restricted Area 5 is 1.71 acres and shown on Exhibit B1.5. Restricted area 5 encompasses portions of the State Street Parking Lot Rack, Solid Waste Management Units (SWMUs) 11a and 11b.
6. Restricted Area 6 is 0.39 acres and shown on Exhibit B1.6. Restricted area 6 encompasses portions of the southern State Street Parking Lot/Laydown Yard.
7. Restricted Area 7 is 0.18 acres and shown on Exhibit B1.7. Restricted area 7 encompasses portions of AOC 22.
8. Restricted Area 8 is 2.06 acres and shown on Exhibit B1.8. Restricted area 8 encompasses portions of the AOCs 22 and 36, and TB 11.
9. Restricted Area 9 is 2.25 acres and shown on Exhibit B1.9. Restricted area 9 encompasses portions of AOCs 22 and 36, PAOC 88, and SWMU 34.
10. Restricted Area 10 is 0.01 acres and shown on Exhibit B1.10. Restricted area 10 encompasses SWMU 15 and a portion of TB 14.
11. Restricted Area 11 is 0.49 acres and shown on Exhibit B1.11. Restricted area 11 encompasses portions of AOC 32 and PAOC 5 in TBs 14 and 16.
12. Restricted Area 12 is 0.06 acres and shown on Exhibit B1.12. Restricted area 12 encompasses a portion of PAOC 28 and TB 18.
13. Restricted Area 13 is 0.14 acres and shown on Exhibit B1.13. Restricted area 13 encompasses a portion of AOC 40 and TB 22.
14. Restricted Area 14 is 0.30 acres and shown on Exhibit B1.14. Restricted area 14 encompasses portions of AOC 40 and SWMU 12 in TBs 22 and 27.
15. Restricted Area 15 is 0.14 acres and shown on Exhibit B1.15. Restricted area 15 encompasses a portion SWMU 12 in TB 27.
16. Restricted Area 16 is 0.30 acres and shown on Exhibit B1.16. Restricted area 16 encompasses portions of PAOCs 12 and 29, in TBs 19 and 23.
17. Restricted Area 17 is 0.11 acres and shown on Exhibit B1.17. Restricted area 17 encompasses portions PAOC 31 in TBs 30, 31, 32 and PAOC 29 in TB 19.

By operation of this Deed Notice, the Property will be restricted to non-residential uses. The objective of this Deed Notice is to restrict contact with the impacted soil.

Exhibit C-2

Engineering Controls - Fencing

Engineering controls restricting contact with impacted soil include a fence around the Central Yard perimeter, except at Restricted Area 5.

- Restricted Area 1 contains a portion of AOC 25, PAOC 82, between Shop Street and Penn Avenue, south of Alky Street as shown on Exhibit B1.1. The Restricted Area 1 is within the fenced portion of the Central Yard. The existing fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 9.5 feet below grade.
- Restricted Area 2 is near PAOC 75 near the intersection of Alky Street and Shop Street. The Restricted Area 2 is within the fenced portion of the Central Yard. The existing fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 9 feet below grade.
- Restricted Area 3 contains portions of PAOCs 9 and 11 near the intersection of Alky Street and Circle Avenue. Restricted Area 3 is within the fenced portion of the Central Yard. The existing fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 12 feet below grade.
- Restricted Area 4 covers portions of Tank Basins 19, 30, 31, and 32 and is within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 1.0 feet below grade.
- Restricted Area 5 is the only unfenced Restricted area in the Central Yard and is covered by the State Street Parking Lot. Impacted soil extends from the surface to approximately 11 feet below grade.
- Restricted Area 6 is a fenced portion of the State Street Parking Lot/Laydown Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 15.7 feet below grade.
- Restricted Area 7 is near AOC 22 and is covered by rail lines and within the Central Yard fenced area. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 7.5 feet below grade.
- Restricted Area 8 is near AOCs 22 and 36 and is within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 17 feet below grade.
- Restricted Area 9 is near AOCs 22 and 26, PAOC 88, and SWMU 34 within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 26.5 feet below grade.
- Restricted Area 10 is near SWMU 15 within Tank Basin 14 and is within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 4 to 7 feet below grade.
- Restricted Area 11 is near AOC 32 and PAOC 5 within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.

- Restricted Area 12 is within Tank Basin 18 and the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 13 is within Tank Basin 22 and the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 14 is within Tank Basins 22 and 27 is the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6 feet below grade.
- Restricted Area 15 includes SWMU 12 and part of Tank Basin 27 and is within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 11 feet below grade.
- Restricted Area 16 is in Tank Basins 19 and 23 and within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2 feet below grade.
- Restricted Area 17 is within Tank Basins 30, 31, and 32, and within the fenced portion of the Central Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 5 to 13 feet below grade.

Exhibit C-3

Engineering Controls – Physical Barriers

Engineering controls restricting contact with impacted soil include a variety of cover types. Each Restricted Area has a combination of low permeability and permeable surfaces:

- Restricted Area 1 impacted soil is partially covered with low permeability pavement in a portion of AOC 25, portions of Penn Avenue and Shop Street, as well as the concrete AST foundation in PAOC 82 as shown on Exhibit B1.1. The remainder of Restricted Area 1 is covered with permeable rip rap, tank berms, or soil. The low permeability paved areas, tank berms, and rip rap cover will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 9.5 feet below grade.
- Restricted Area 2 contains low permeability pavement such as portions of Alky Street and the paved area near the intersection of Alky Street and Circle Avenue. Footings for a pipeway cross the Restricted Area and will prevent direct contact with soil. The remainder of Restricted Area 2 is covered with permeable rip rap, tank berms, or soil. The low permeability pavement, rip rap, pipeway footings, and tank berms will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 9 feet below grade.
- Restricted Area 3 contains low permeability pavement such as portions of Circle Avenue. The remainder of Restricted Area 3 is covered with permeable rip rap, tank berms, pipeway footings, or soil. The low permeability pavement, rip rap, and tank berms will effectively isolate the impacted soil from contact with people. The pipeway prevents access to impacted soil. Impacted soil extends from the surface to approximately 12 feet below grade.
- Restricted Area 4 is covered by low permeability asphalt of Tyrells Lane, an AST foundation, a tank basin berm and rip rap. The low permeability roadway, AST foundation, tank basin berm, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 1.0 feet below grade.
- Restricted Area 5 is covered with a low permeability asphalt parking lot and permeable landscaping. The pavement will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 11 feet below grade.
- Restricted Area 6 is a fenced portion of the State Street Parking Lot/Laydown Yard and is paved with low permeability asphalt. The low permeability cover will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 15.7 feet below grade.
- Restricted Area 7 is covered by rail ballast and rail lines and extends under the low permeability pavement of Storehouse Avenue and into Tank Basin 11 which is covered by pipeway footings, a tank basin berm and soil. The low permeability pavement and tank berms will effectively isolate the impacted soil from contact with people. The pipeway footings will prevent access to soil under the pipeway. Impacted soil extends from the surface to approximately 7.5 feet below grade.
- Restricted Area 8 is near AOCs 22 and 36 and is covered by a building footing, rail ballast and rail lines, and extends under the low permeability pavement of Storehouse Avenue and into Tank Basin 11 which is covered by pipeway footings, a tank basin berm and soil. The low permeability pavement and tank berms will effectively isolate the impacted soil from contact with people, as

will the railway ballast and rail lines. The pipeway will prevent access to the impacted soil. Impacted soil extends from the surface to approximately 17 feet below grade.

- Restricted Area 9 encompasses portions of AOCs 22 and 36 and SWMU 34 and is covered by a building footing, rail ballast and rail lines, and extends under the low permeability pavement of Storehouse Avenue and into Tank Basin 11 which is covered by pipeway footings, a tank basin berm and soil. The low permeability pavement and tank berms will effectively isolate the impacted soil from contact with people. The railway ballast, rail lines, and the pipeway will prevent contact with impacted soil. Impacted soil extends from the surface to approximately 26.5 feet below grade.
- Restricted Area 10 is within Tank Basin 14 and is covered by soil and rip rap. The rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 4 to 7 feet below grade.
- Restricted Area 11 is covered by low permeability concrete foundation near AOC 32 and PAOC 5, a pipeway, and by permeable soil and rip rap within tank basins 14 and 16. The low permeability foundation, pipeway, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 12 is within Tank Basin 18 and is covered by the concrete footing for AST 18, and rip rap. The low permeability concrete footing and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 13 is within Tank Basin 22 and is covered by the concrete footing for AST 22, pipeway footings, a tank basin berm, and rip rap. The low permeability concrete footings, pipeway footings, tank basin berms, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 14 is within Tank Basins 22 and 27 is covered by the concrete footing for AST 22, pipeway footings, a tank basin berm, and rip rap. The low permeability concrete footings, pipeway footings, tank basin berm, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6 feet below grade.
- Restricted Area 15 is covered by the concrete footing for AST 27, pipeway footings, a tank basin berm, and rip rap. The low permeability concrete footings, pipeway footings, tank basin berms, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 11 feet below grade.
- Restricted Area 16 covers portions of Tank Basins 19 and 23 and is covered by pipeway footings, tank basin berms, and rip rap. The pipeway footings, tank basin berms, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2 feet below grade.
- Restricted Area 17 encompasses portions of Tank Basins 19, 30, 31, and 32 and is covered by pipeway footings a tank basin berm, and rip rap. The pipeway footings, tank basin berms, and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 5 to 13 feet below grade.

Exhibit C-4

Engineering/Institutional Controls - Signage

Engineering/Institutional controls restricting access to impacted soil includes posting signage where contaminated soil may be exposed at the surface:

- Restricted Area 1, as shown on Exhibit B1.1, is covered with low permeability surfaces, permeable rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 9 feet below grade.
- Restricted Area 2, as shown on Exhibit B1.2, contains pavement, a pipeway, permeable rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 9.5 feet below grade.
- Restricted Area 3 contains, as shown on Exhibit B1.3, is covered by pavement, permeable rip rap, tank berms, pipeway footings, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 12 feet below grade.
- Restricted Area 4, as shown on Exhibit B1.4, is covered by low permeability asphalt, an AST foundation, a tank basin berm and rip rap. Where impacted soil is not covered with low permeability pavement, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 1.0 feet below grade.
- Restricted Area 5, as shown on Exhibit B1.5, is covered with low permeability asphalt parking lot and permeable landscaping. No signage is planned for Restricted Area 5. Impacted soil extends from the surface to approximately 11 feet below grade.
- Restricted Area 6, as shown on Exhibit B1.6, is a fenced portion of the State Street Parking Lot/Laydown Yard and is paved with low permeability asphalt. No signage is planned for Restricted Area 6. Impacted soil extends from the surface to approximately 15.7 feet below grade.
- Restricted Area 7, as shown on Exhibit B1.7, is covered by rail ballast, rail lines, low permeability pavement, a pipeway, a tank basin berm, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 7.5 feet below grade.
- Restricted Area 8, as shown on Exhibit B1.8, is covered by a building footing, rail ballast, rail lines, low permeability pavement, a pipeway, a tank basin berm, and soil. Where impacted soil is not covered with low permeability, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 17 feet below grade.
- Restricted Area 9, as shown on Exhibit B1.9, is covered by a building footing, rail ballast, rail lines, low permeability pavement, a pipeway, a tank basin berm and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 26.5 feet below grade.
- Restricted Area 10, as shown on Exhibit B1.10, is covered by soil and rip rap. Impacted soil extends from the surface to 7 feet below grade.

- Restricted Area 11, as shown in Exhibit B1.11, is covered by a concrete foundation, a pipeway, soil, and rip rap. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 12, as shown on Exhibit B1.12, is covered by a concrete AST footing, and rip rap. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 13, as shown on Exhibit B1.13 is covered by a concrete AST footing, a pipeway, a tank basin berm, and rip rap. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- Restricted Area 14, as shown on Exhibit B1.14, is covered by a concrete AST footing, a pipeway, a tank basin berm, and rip rap. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 6 feet below grade.
- Restricted Area 15, as shown on Exhibit B1.15, is covered by a concrete AST footing, a pipeway, a tank basin berm, and rip rap. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 11 feet below grade.
- Restricted Area 16, as shown on Exhibit B1.16, is covered by a pipeway, tank basin berms, and rip rap. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 2 feet below grade.
- Restricted Area 17, as shown on Exhibit B1.17, is covered by a pipeway, a tank basin berm, and rip rap. Signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from approximately 5 to 13 feet below grade.